

User Manual

Version 1



STRATICATOR – USERS MANUAL

Copyright © 2012 – Straticator

www.straticator.com

Email: info@straticator.com

Table of Content

Introduction	1
2.2 Scope.....	1
1.2 Audience and Assumptions.....	1
1.3 References	1
Straticator.....	2
2.1 Introducing Straticator	2
2.1.1 Straticator Menu	3
2.2 Working with Straticator.....	3
2.2.1 Manage Widgets	4
2.2.2 My Account	5
Accounts.....	6
Reports Live Accounts.....	7
Account Transactions.....	7
Trades.....	8
Active Orders	8
Order History	8
Currency Exposure	9
Symbol Exposure.....	9
Notifications.....	10
Settings.....	10
2.2.3 Trading Menu.....	14
Quick Trade	15
Chart.....	16
Time Frames.....	17
Price Type.....	17
Add Symbol	18
Add Indicators	18
Edit / Delete	21
View chart	21
Update Graph.....	22
Show Values	23
Compare.....	23

Convert to a Strategy	25
Trend Line	27
Prices	27
Rules for Stop Loss, Trailing Stop Loss, and Take Profit Orders	30
Rules for Stop Loss (pips), Trailing Stop Loss, and Take Profit (pips)	31
Money Manager	32
2.2.4 Robot Menu	37
Robot Trading	38
My Strategies	41
Create and Edit Strategy	42
Backtest Result	50
Create Robot	51
Shared Strategies	52
Custom Indicators	53
Shared Work	55
View	56
2.2.5 Windows	57

List of Figures

Figure 1: Straticator Menu Bar	3
Figure 2: Straticator Start Page	4
Figure 3: List of available Widgets	4
Figure 4: Widgets on the Straticator Home Page	5
Figure 5: My Account Menu	5
Figure 6: My Account	6
Figure 7: Reports. Live Accounts Sub-Menu	7
Figure 8: Account Transaction Details	7
Figure 9: List of Trades	8
Figure 10: Active Orders	8
Figure 11: List of Order History	8
Figure 12: Currency Exposure	9
Figure 13: Symbol Exposure	9
Figure 14: Notifications	10
Figure 15: Settings Sub-Menu	10
Figure 16: Profile Screen	11
Figure 17: User Interface Settings	12
Figure 18: My Symbols	13
Figure 19: Reports Demo Accounts	13
Figure 20: Trading Menu	14
Figure 21: Quick Trade Sub-Menu	15
Figure 22: Quick Trade Screen	15
Figure 23: Chart Screen	16
Figure 24: Chart Screen Options	16
Figure 25: Candlestick Time Frame	17
Figure 26: List of Symbols	18
Figure 27: List of Indicators	19
Figure 28: Parameters for the Indicators	20
Figure 29: Graph Appearance	21
Figure 30: Select Start or End Date	22
Figure 31: Values Corresponding to the Chart	23
Figure 32: List of Charts	24
Figure 33: Two Different Charts	24
Figure 34: Comparison of Two Charts	24
Figure 35: Different Types of Prices	25
Figure 36: Inputs Dialog Box	26
Figure 37: Create Strategy Screen	26
Figure 38: Trend Line	27
Figure 39: Prices Sub-Menu	27
Figure 40: Indices Price	28
Figure 41: Order Screen	28
Figure 42: Order History	30

Figure 43: Order Screen	31
Figure 44: Order History	31
Figure 45: Order History	32
Figure 46: Add Portfolio Screen	34
Figure 47: List of Money Manager Portfolios	35
Figure 48: Add Follower	36
Figure 49: Follow Money Manager Screen	36
Figure 50: What to Follow.....	36
Figure 51: Robot Menu	37
Figure 52: Robot Trading Screen.....	38
Figure 53: History of a Robot	38
Figure 54: Add Robot Screen	39
Figure 55: Modify the Details.....	40
Figure 56: Robot Parameters	40
Figure 57: List of Strategies.....	41
Figure 58: Create Strategy Screen	42
Figure 59: New Symbol Tab	42
Figure 60: New Indicator Added to a Symbol	43
Figure 61: Welcome to the Expression Wizard.....	44
Figure 62: Select Type of Value.....	45
Figure 63: Select the Values.....	46
Figure 64: Select Compare Operator	47
Figure 65: Options on Create Strategy Screen.....	48
Figure 66: Strategy Graph	48
Figure 67: Chart Values.....	48
Figure 68: Backtest Screen.....	49
Figure 69: A Strategy Screen	50
Figure 70: Add Robot Screen	51
Figure 71: Shared Strategies	52
Figure 72: Custom Indicators	53
Figure 73: Create Indicator	53
Figure 74: Custom Code Screen	54
Figure 75: Shared Information.....	55
Figure 76: Share Elements	55
Figure 77: Shared To	56
Figure 78: View Sub-Menu.....	56
Figure 79: Windows Menu.....	57

Introduction

2.2 Scope

The purpose of this document is to give a brief about Straticator from a user point of view. This document also explains the working of the application along with brief description of all the options available for a user in Straticator.

1.2 Audience and Assumptions

The audience of the document can be a new or experienced user, who needs to trade for forex through a broker using the Straticator – the Robot.

1.3 References

Topic	Web Sites/ Related Documentation References
About Straticator	www.straticator.com
Brokers Manual	Brokers Manual
Admin Manual	Admin Manual

Straticator

There is a large degree of randomness in trading. In order to manage and progress towards a more profitable Trading system, you need to remove randomness in trading.

Any unnecessary area of randomness only removes your control over the results. The areas you control are the areas where you can make modifications. These modifications do not need to be you scrapping a trading system because it doesn't work. Scrapping non-working trading systems is one of the most common areas of a failing trader.

One of the most destructive things that traders do is add unnecessary randomness to their trading with random lot sizes and or buying / selling a set amount of shares rather than dollars.

Either way the end result is a random dollar amount per trade. This type of trading makes every trade a long shot!

Therefore, to become a successful trader you need to control areas of randomness that can be controlled.

2.1 Introducing Straticator

Straticator provides computerized methods and system to automatically communicate trade orders for a financial instrument in response to market price data.

Straticator enables its clients to trade through interbank liquidity. Straticator has partnership with the best of top FX banks to ensure that the clients get sharpest liquidity.

Offering a unique insight to true interbank trading the system enables the user to know exactly when to get into the trade and when to get out, including take profit levels and stop levels to ensure a clean and easy trade execution.

Straticator also introduces a new investing tool that can make interaction between Money Managers and Investors more effective, honest, flexible and transparent.

2.1.1 Straticator Menu

The options of menu bar in the interface of Straticator enable one to perform various activities related to forex trading. When a user login as a trader or a guest user, menu bar as shown in the figure below is displayed:



Figure 1: Straticator Menu Bar

The menu items of the menu bar are:

- **Robot:** Enables one to start and stop a robot, create and share strategies, and custom indicators.
- **Trading:** Enables one to perform tasks related to forex trading. The tasks include, charting, viewing Tick prices, creating robot, and creating strategies.
- **My Account:** Enables one to view and modify personal details, create and modify trading account details, and modify user interface settings.
- **Windows:** Enables one to perform windows operations, such as open documents, close documents, and save layouts.

2.2 Working with Straticator

You can use various features of Straticator to build robot, which performs forex trading. You can easily navigate through the Straticator using the menu bar.

2.2.1 Manage Widgets

A Widget is a small application that opens up a doorway to a much larger application. Straticator provides a feature through which you can manage widgets on the home page. When you login Straticator as a trader, a screen, as shown below appears:

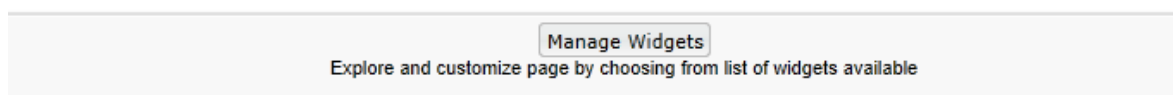


Figure 2: Straticator Start Page

When you click on the **Manage Widgets** button, the **Choose Widgets** screen opens that displays a list of available widgets. Figure below displays the Choose Widgets screen:

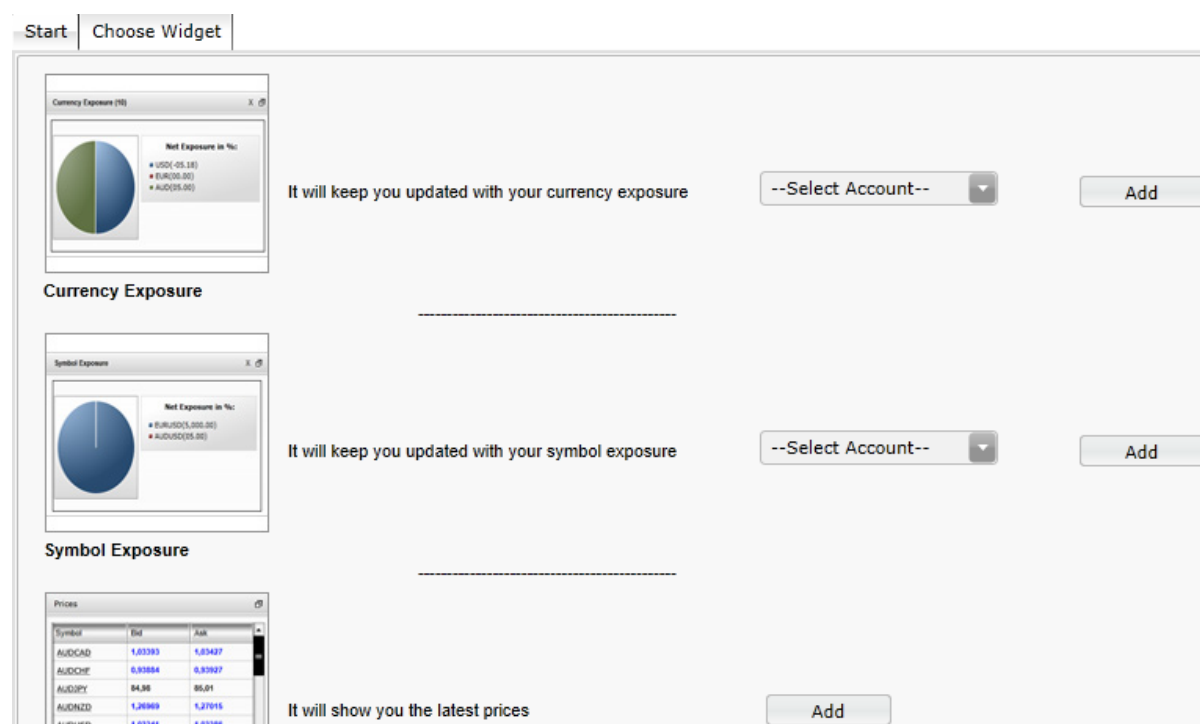


Figure 3: List of available Widgets

You can click on the **Add** button corresponding to the widget that you need to display on the Straticator home page. For example, here we have added the Prices, Symbol, and Chart widgets, which are being displayed on the Straticator home page, as shown in figure below:

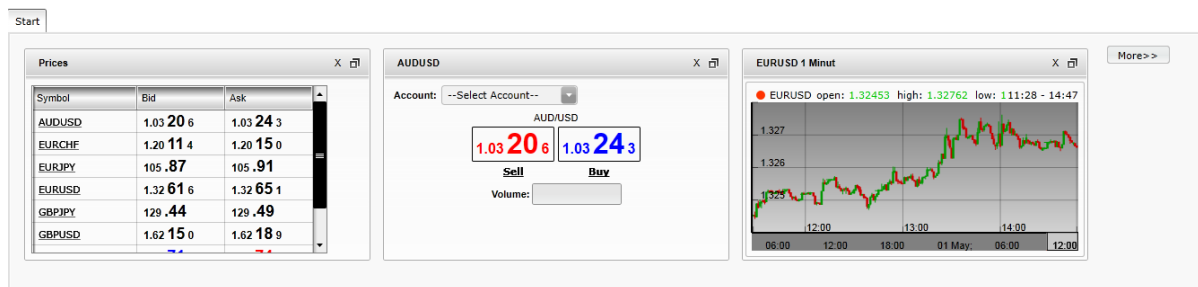


Figure 4: Widgets on the Straticator Home Page

You can watch the prices through the Prices widget without going in the application; similarly for symbols, chart, and other widgets. You can also click on the **More** button to add more widgets any time.

2.2.2 My Account

A user can have more than one type of account. The options under **My Account** menu enable the user to manage all accounts. Figure below displays the **My Account** menu options:

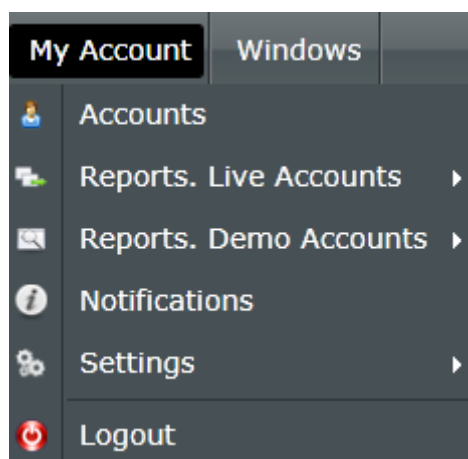


Figure 5: My Account Menu

- Accounts
- Reports Live Accounts
- Reports Demo Accounts
- Notifications
- Settings
- Logout

Accounts

This feature enables the user to create and manage user accounts. All user accounts belong to the same user, who is logged in. A user account will be in one of the currencies that the system supports. A user can have as many accounts as he wants; more than one per currency.

A user creates the user account himself, gives it a name, and selects one of the currencies that the system supports. The User can also create a Demo account, which can be in any currency. All trades on a demo accounts do not affect the equity.

To create a new account:

1. Open Straticator.
2. Select **My Account** → **Accounts** option to display list of user accounts, as shown in figure below:

Type	Account No	Account Name	Currency	Equity	P/L	Amount Invested	Margin Used Amount	% Margin Used	IsDefault
Demo	48	monika Demo	USD	50,000	0	0	0	0	No

Account details									

Figure 6: My Account

3. Click on **Create Account** button to start a wizard.
4. Specify if you need a **Demo** or **Live** account in the first screen.
5. In the next screen, specify the currency for which you need to create the account. Also select the **IsDefault** checkbox to make the account as default.
6. Specify the account name and select the leverage group in the next screen of the wizard.
7. Click on **Finish** button to display the final screen, which displays the complete information for an account.

You can even modify account details, for which you need to click on the **Account Name** hyperlink, modify the details and save the changes. Also you can click on the **Reports** button on the top of the **My Account** screen to view:

- Statement
- Profit-Loss Report

- Account Transactions
- Trades
- Active Orders
- Order History
- Exposure

Reports Live Accounts

A sub-menu is displayed when you select the **My Account → Reports Live Accounts** option. Figure below displays the sub-menu:

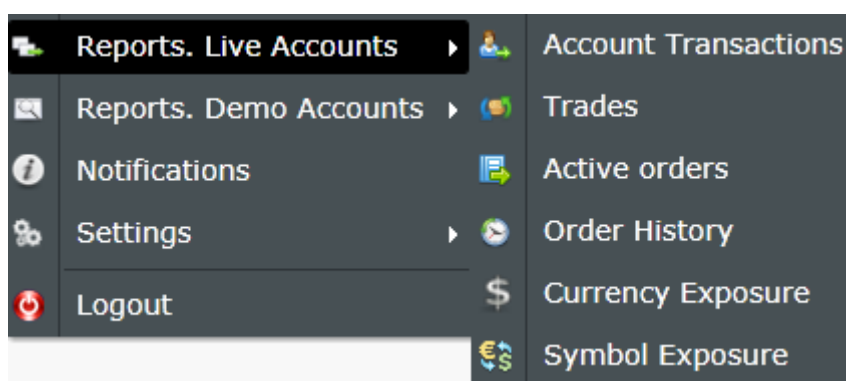


Figure 7: Reports. Live Accounts Sub-Menu

Account Transactions

This option enables the user to view a list all transactions, as shown in figure below:

Account Transactions_Live

Search Export Print

From Date: 09-07-2012 To Date: <dd-MM-yy

Drag a column header and drop it here to group by that column

Account	Time	Symbol	Amount	Currency	Amount(Currency)	Account Currency	Transaction Type
3	09-08-2012 02:29:59	EURUSD	-0.86	USD	-0.86	USD	Interest
3	08-08-2012 02:29:59	EURUSD	-0.86	USD	-0.86	USD	Interest
3	07-08-2012 02:29:59	EURUSD	-0.86	USD	-0.86	USD	Interest
3	06-08-2012 02:29:59	EURUSD	-0.86	USD	-0.86	USD	Interest
3	05-08-2012 02:29:59	EURUSD	-0.86	USD	-0.86	USD	Interest
3	04-08-2012 02:29:59	EURUSD	-0.86	USD	-0.86	USD	Interest
3	03-08-2012 02:29:59	EURUSD	-0.85	USD	-0.85	USD	Interest
3	02-08-2012 02:29:59	EURUSD	-0.85	USD	-0.85	USD	Interest
3	01-08-2012 02:29:59	EURUSD	-0.85	USD	-0.85	USD	Interest
3	31-07-2012 02:29:59	EURUSD	-0.85	USD	-0.85	USD	Interest
3	30-07-2012 02:29:59	EURUSD	-0.85	USD	-0.85	USD	Interest
3	29-07-2012 02:29:59	EURUSD	-0.86	USD	-0.86	USD	Interest
3	28-07-2012 02:29:59	EURUSD	-0.86	USD	-0.86	USD	Interest
3	27-07-2012 02:29:59	EURUSD	-0.85	USD	-0.85	USD	Interest

Figure 8: Account Transaction Details

Note: You can specify a start and end date and click on the **Search** button to display the transaction in the specified time duration.

Trades

This option enables the user to view a list of all the trades, as shown in the figure below:

Trades_Live

Search

Export

Print Preview

From Date:

01-02-2012

From Track:

0

To Date:

<dd-MM-yyy

To Track:

100

Drag a column header and drop it here to group by that column

Account	Old	Symbol	Time	Price	Lots	Amount	Amount Currency	Currency	Order Origin	Track	
10	189	EURUSD	06-02-2012 22:30:00		1.31306	0.20	26,261.20	26,261.20	USD	Robot	100
10	188	EURUSD	06-02-2012 18:34:30		1.30522	-0.10	-13,052.20	-13,052.20	USD	Robot	100
10	182	EURUSD	06-02-2012 18:00:02		1.30745	0.10	13,074.50	13,074.50	USD	Robot	100
10	181	EURUSD	06-02-2012 14:38:44		1.30424	-0.10	-13,042.40	-13,042.40	USD	Robot	100
10	180	EURUSD	06-02-2012 14:06:40		1.30630	0.10	13,063.00	13,063.00	USD	Robot	100
10	179	EURUSD	06-02-2012 14:03:49		1.30696	-0.20	-26,139.20	-26,139.20	USD	Robot	100
10	178	EURUSD	06-02-2012 11:52:23		1.30688	-0.10	-13,068.80	-13,068.80	USD	Robot	100
10	177	EURUSD	06-02-2012 04:27:11		1.31333	0.20	26,266.60	26,266.60	USD	Robot	100
10	176	EURUSD	06-02-2012 03:30:03		1.31190	0.10	13,119.00	13,119.00	USD	Robot	100
10	175	EURUSD	06-02-2012 03:00:05		1.31208	-0.10	-13,120.80	-13,120.80	USD	Robot	100
10	174	EURUSD	06-02-2012 02:30:03		1.31177	-0.20	-26,235.40	-26,235.40	USD	Robot	100
10	173	EURUSD	03-02-2012 20:43:25		1.31115	0.20	26,223.00	26,223.00	USD	Robot	100
10	172	EURUSD	03-02-2012 20:30:01		1.30963	-0.20	-26,192.60	-26,192.60	USD	Robot	100
10	171	EURUSD	01-02-2012 14:30:07		1.30787	0.10	13,078.70	13,078.70	USD	Robot	100

Figure 9: List of Trades

Active Orders

This option enables a user to view a list of active orders, as shown in figure below:

Active orders_Live

Refresh Export Print

Drag a column header and drop it here to group by that column

Aid	Old	Symbol	Time	Price	Volume	S/L	T/P	Duration	Order Type	Order Origin	Origin Old	Related Old	Track		
10	578	AUDUSD	06-07-2012 15:21:14	0.50000	1,000			Until Cancelled	Limit Entry	Manual			1	Edit	Cancel

Figure 10: Active Orders

Order History

This option enables a user to view history of all orders, as shown in figure below:

Order History_Live

Search Export Print

From Date: 04-04-2012 From Track: 0

To Date: <dd-MM-yy To Track: 100

Drag a column header and drop it here to group by that column

Aid	Old	Symbol	Time	Price	Volume	S/L	T/P	Duration	Order Type	Order Origin	Action	Origin Old	Related Old	Track
10	578	AUDUSD	06-07-2012 15:21:14		0.50000	1,000		Until Cancelled	Limit Entry	Manual	Pending			1
10	402	AUDUSD	15-06-2012 18:00:08		1.00700	5,000		Until Cancelled	Stop Loss	Manual	Would Increase Po			1
10	343	EURCHF	30-04-2012 21:13:00			20,000		Until Cancelled	Market	Manual	Rejected			1
10	316	EURUSD	25-04-2012 17:14:07			10		Until Cancelled	Market	Manual	Rejected			1

Figure 11: List of Order History

Currency Exposure

This feature of Straticator enables the user to view the exposure of each type of currency or symbol in terms of percentage (%). Select the **My Account → Reports Live Accounts → Currency Exposure** option to display the currency exposure, as shown in the figure below:

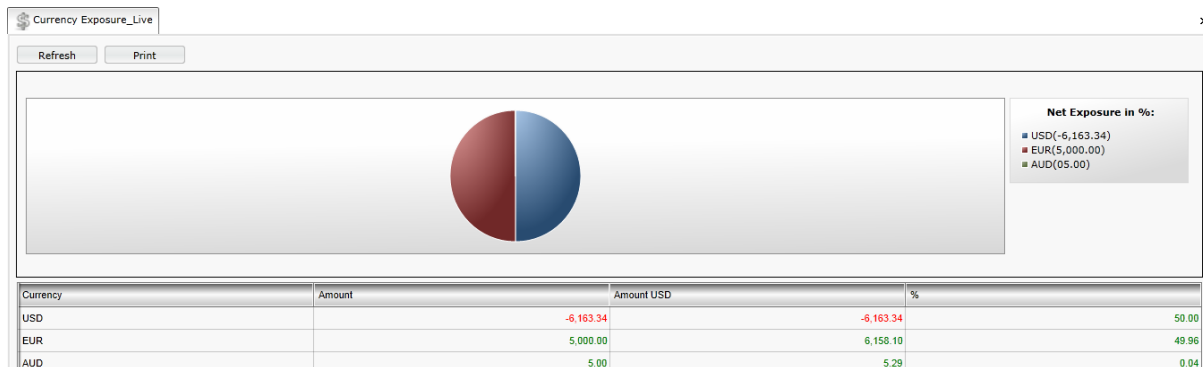


Figure 12: Currency Exposure

Symbol Exposure

Select the **My Account → Reports Live Accounts → Symbol Exposure** option to display the symbol exposure, as shown in the figure below:

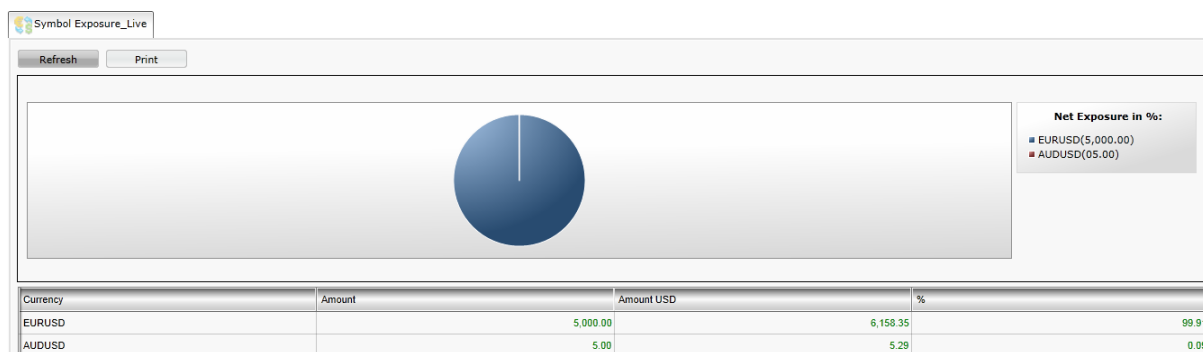
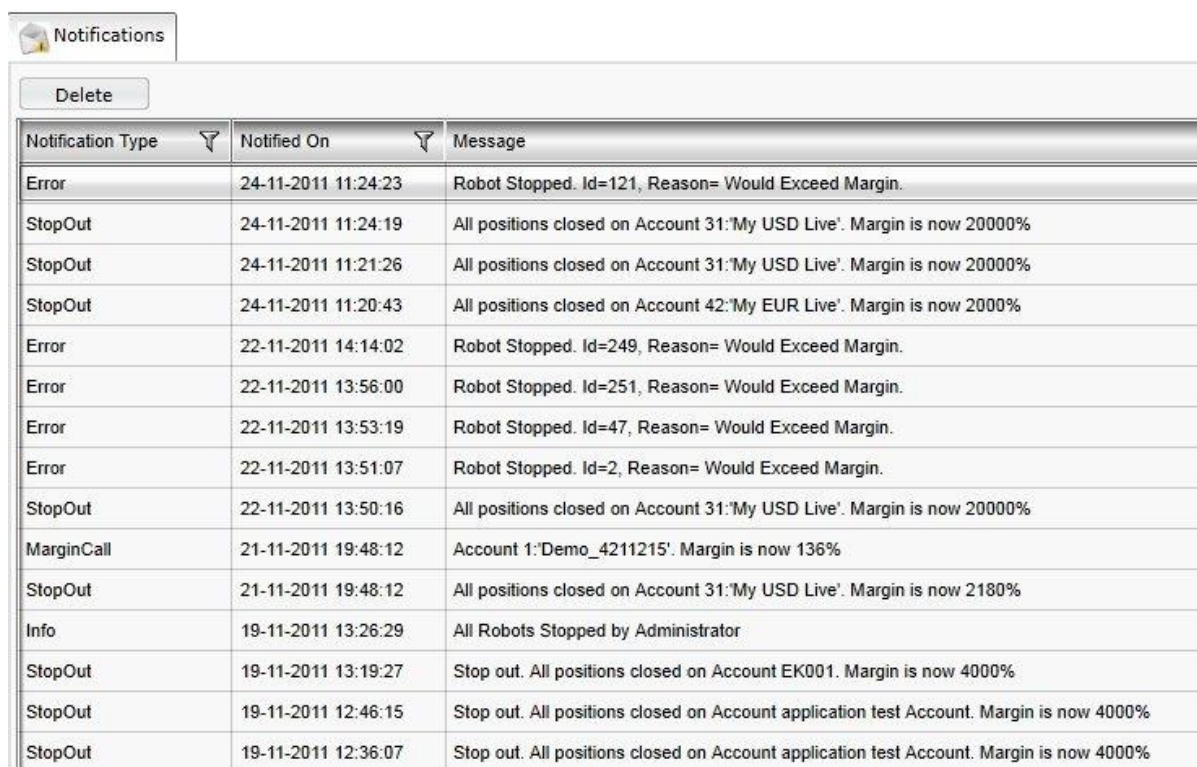


Figure 13: Symbol Exposure

Notifications

This option enables a user to view current as well as previous notifications. The user needs to select the **My Account → Notifications** to view the notifications, as shown in figure below:



The screenshot shows a web interface with a 'Notifications' tab. Below the tab is a 'Delete' button and a table with three columns: 'Notification Type', 'Notified On', and 'Message'. The table contains 16 rows of notification data.

Notification Type	Notified On	Message
Error	24-11-2011 11:24:23	Robot Stopped. Id=121, Reason= Would Exceed Margin.
StopOut	24-11-2011 11:24:19	All positions closed on Account 31:'My USD Live'. Margin is now 20000%
StopOut	24-11-2011 11:21:26	All positions closed on Account 31:'My USD Live'. Margin is now 20000%
StopOut	24-11-2011 11:20:43	All positions closed on Account 42:'My EUR Live'. Margin is now 2000%
Error	22-11-2011 14:14:02	Robot Stopped. Id=249, Reason= Would Exceed Margin.
Error	22-11-2011 13:56:00	Robot Stopped. Id=251, Reason= Would Exceed Margin.
Error	22-11-2011 13:53:19	Robot Stopped. Id=47, Reason= Would Exceed Margin.
Error	22-11-2011 13:51:07	Robot Stopped. Id=2, Reason= Would Exceed Margin.
StopOut	22-11-2011 13:50:16	All positions closed on Account 31:'My USD Live'. Margin is now 20000%
MarginCall	21-11-2011 19:48:12	Account 1:'Demo_4211215'. Margin is now 136%
StopOut	21-11-2011 19:48:12	All positions closed on Account 31:'My USD Live'. Margin is now 2180%
Info	19-11-2011 13:26:29	All Robots Stopped by Administrator
StopOut	19-11-2011 13:19:27	Stop out. All positions closed on Account EK001. Margin is now 4000%
StopOut	19-11-2011 12:46:15	Stop out. All positions closed on Account application test Account. Margin is now 4000%
StopOut	19-11-2011 12:36:07	Stop out. All positions closed on Account application test Account. Margin is now 4000%

Figure 14: Notifications

Settings

This option enables a user to change the personal details as well as the general settings. A sub-menu appears when you select the **My Account → Settings** option, as shown in figure below:

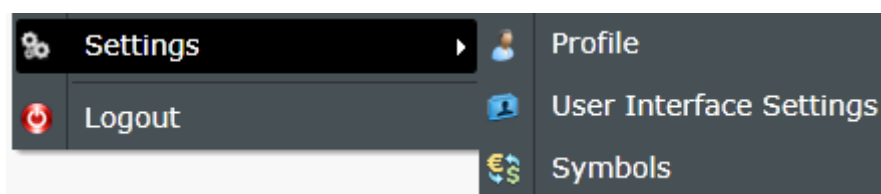



Figure 15: Settings Sub-Menu

- Select the **My Account → Settings → Profile** to view and modify profile details. Figure below displays the Profile screen:

Start

 Profile

Login ID:

Erik

Password:

<Double click to change password>

Name:


Damgaard

Email:

erik@damgaard.com

Phone No:

213



51214844

My Tasks:

Manual Trading

View Strategies

Edit Strategies

Role:

Admin

Save

Cancel

Figure 16: Profile Screen

- Select the **My Account → Settings → User Interface Settings** to view and modify general settings. Figure below displays the My Settings screen:

The screenshot shows the 'My Settings' window with the following sections and options:

- General Settings**
 - ☐ Save and load layout on exit and start up
 - ☒ Show widgets at startup
 - ☒ 2-digits highlight price printing
 - ☐ Fast price update
 - Language:
 - Themes: ☐ Dark theme ☒ Light theme
 - Data grid page size:
- Chart Settings**
 - Default Symbol:
 - Default Candlestick: ☒ Standard ☐ Heikin-Ashi
 - Candlestick type: ☒ Candlestick ☐ Ohlc
- Trading Chart Setting**
 - Number of trading chart points:
 - Use Tracks: ☐

At the bottom, there are 'Save' and 'Cancel' buttons.

Figure 17: User Interface Settings

- Select the **My Account** → **Settings** → **Symbols** to view list of symbols. Figure below displays the My Symbols screen:

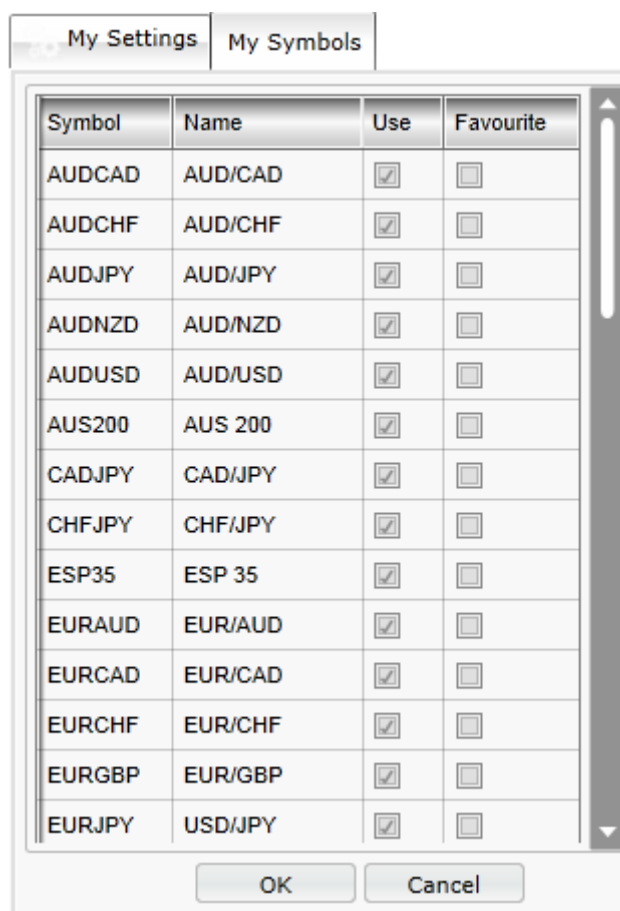


Figure 18: My Symbols

Similarly you can also view all the above options for a demo account. Figure below displays the **Reports Demo Account** sub-menu:

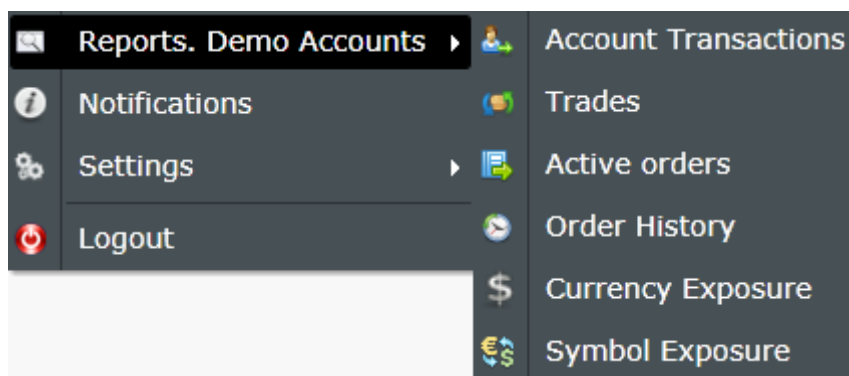


Figure 19: Reports Demo Accounts

2.2.3 Trading Menu

The options under **Trading** menu, as shown in figure below are:

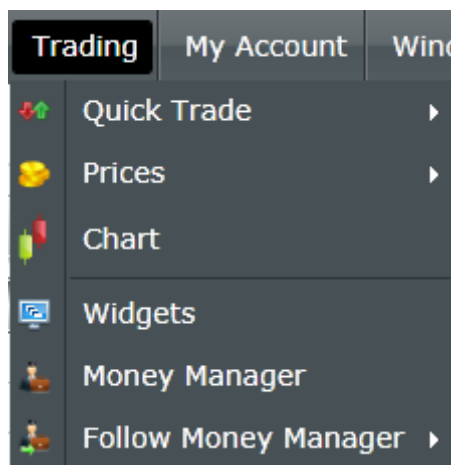


Figure 20: Trading Menu

- **Quick Trade:** This option enables one to trade for forex and other commodities, such as CFDs, Indices, and Metal.
- **Prices:** This option enables one to view **Ticks prices** for **Bid** and **Ask**. Also when you click on a symbol that you need to trade for, it opens the order screen, where you can specify the details for manual trading.
- **Chart:** This option enables one to perform basic charting. One can add symbols and indicator to the same screen and inspect any period with any number of chart screens opened.
- **Widgets:** This option enables the user to manage widgets.
- **Money Manager:** This option enables one to create Money Manager Portfolios.
- **Follow Money Manager:** This option enables the Investors to interact with Money Managers.

Quick Trade

You can trade for forex, indices, and metal directly from the Quick Trade screen.

1. Open Straticator.
2. Select **Trading** → **Quick Trade** option from the menu, to open a sub-menu, as shown in the figure below:



Figure 21: Quick Trade Sub-Menu

3. Click on the option for which you need to trade. For example, **All Symbols** option. Figure below displays Quick Trade screen for All Symbols:

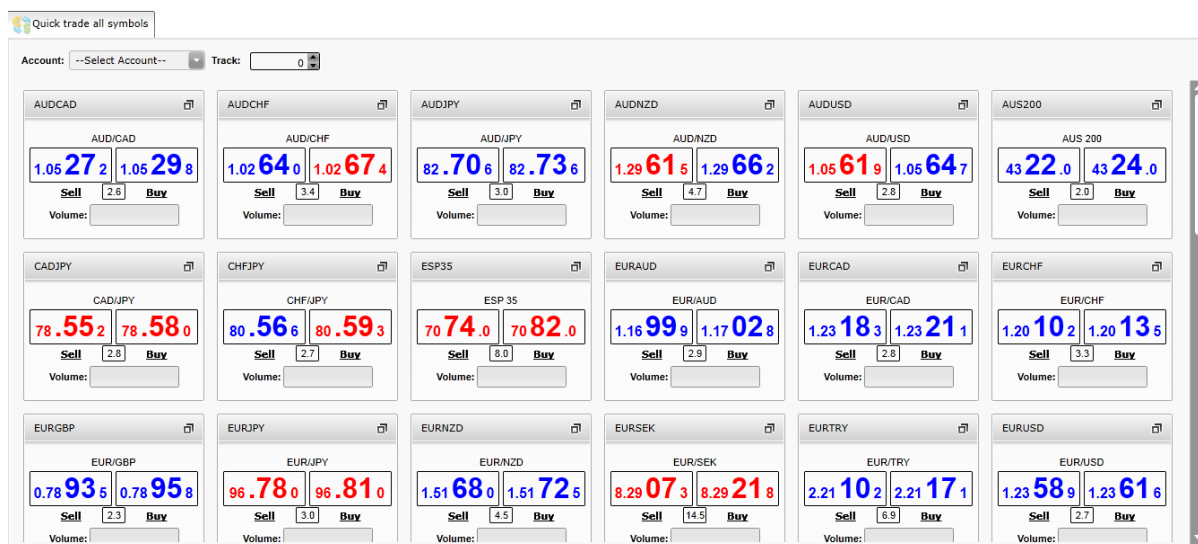


Figure 22: Quick Trade Screen

4. Specify the volume in the text field corresponding to the symbol and click on **Sell** or **Buy** option to trade.

Similarly you can quick trade for CFDs, Indices, and Metal.

Chart

Chart is the strongest feature of Straticator that enables the user to view and analyse the ups and downs in the forex market. To open a chart screen:

1. Open Straticator.
2. Select **Trading** → **Chart** option from the menu, to open the charting screen, as shown in the figure below:



Figure 23: Chart Screen

The figure above displays chart options highlighted that are explained below:



Figure 24: Chart Screen Options

- (1) Time Frames
- (2) Price Type
- (3) Add Symbol
- (4) Add Indicators
- (5) Edit / Delete
- (6) View chart
- (7) Update Graph
- (8) Show Values
- (9) Compare
- (10) Convert to a Strategy
- (11) Trend Line

Time Frames

A time frame is the length of time over which an investment is made or held before it is liquidated. A time frame can range from seconds in the case of a day trader to days for a buy-and-hold trader. This option enables the user to specify the time frame based on the trade objective.

1. Click on the **Minutes** button to open a dialog box, as shown in figure below:

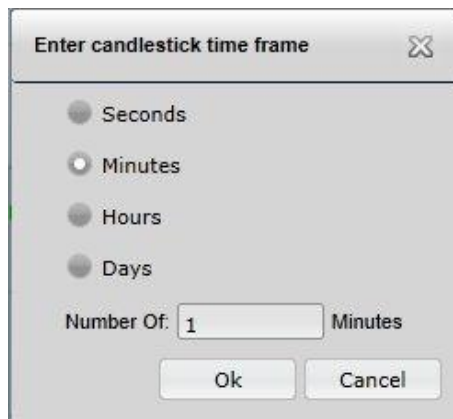


Figure 25: Candlestick Time Frame

2. Select or specify the time frame and click on **Ok** button to finally add the time frame.

Price Type

There are three types of prices:

- Mix: is the selling and buying price for trader and buyer
- Ask Price: is the price for traders to sell a currency
- Bid Price: is the price for buyer to buy a currency

The user can select the type of price from the drop-down box depending upon the type of order.

Add Symbol

A symbol in Straticator is the combination of two currencies used for trading. You can use this option to add a symbol in the list of symbols to be traded. Adding a symbol enables the user to select different set of currencies while trading. To add a new symbol in the list:

1. Click on the **Add Symbol** button to display the Add Symbol dialog box, as shown in figure below:



Figure 26: List of Symbols

2. Select the symbols from the list that you need to trade for.
3. Click on the **Add Symbol** button to add the selected symbol in the list.

Add Indicators

A technical indicator is a graphical representation of price action. The trading strategies developed on the basis of technical indicators ensure a successful trading of the financial instrument. You can use this option to add new indicators and define custom parameters. To add indicators:

1. Click on the **Add Indicators** button to open Add Indicators dialog box, as shown in figure below:

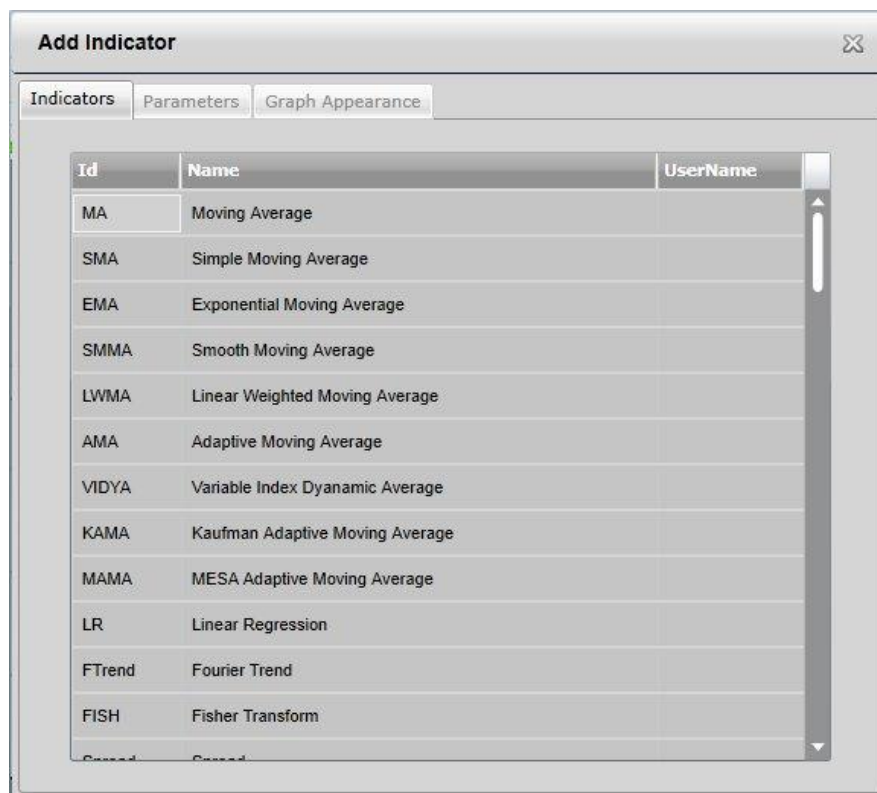


Figure 27: List of Indicators

2. Select the indicator from the list and click on **Next** button to open the Parameters tab, as shown in figure below:

The screenshot shows a dialog box titled "Add Indicator" with a close button (X) in the top right corner. The dialog has three tabs: "Indicators", "Parameters", and "Graph Appearance". The "Parameters" tab is currently selected. Inside the "Parameters" tab, there are four settings:

- Smoothing Method: A dropdown menu showing "Single".
- Number of Periods: A text input field containing the value "13".
- Shift: A text input field containing the value "0".
- Working Price: A dropdown menu showing "Close".

At the bottom of the dialog, there are four buttons: "Cancel", "<<Prev", "Next>>", and "Finish".

Figure 28: Parameters for the Indicators

- Specify all the parameters and click on the **Next** button to open the Graph Appearance tab, as shown in figure below:

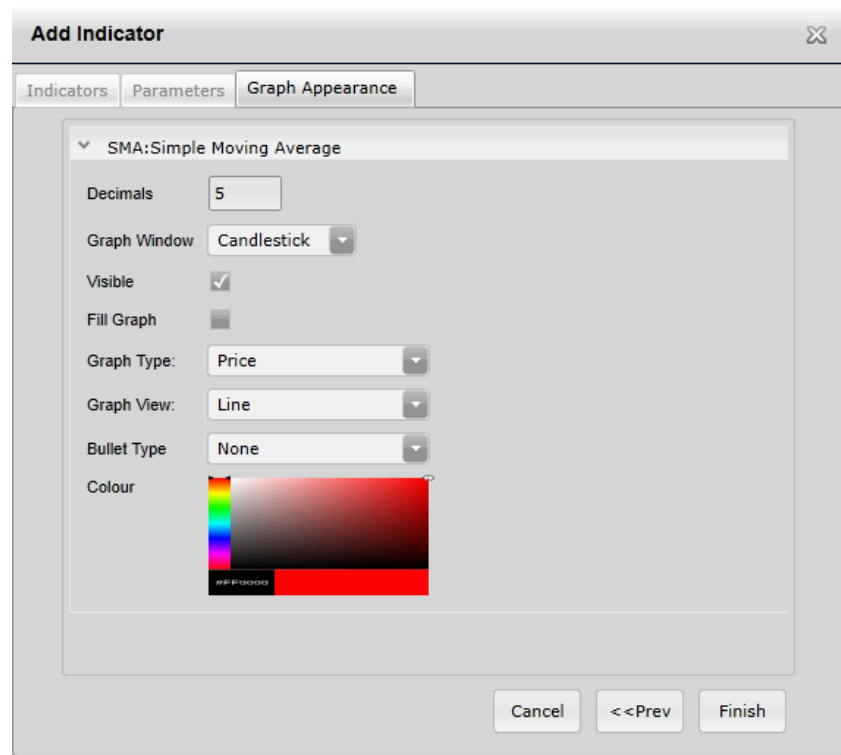


Figure 29: Graph Appearance

- Specify all the parameters for an indicator and click on **Finish** button to add the indicator.

Edit / Delete

You can select an indicator, click on **Edit/Delete** button to edit or delete the selected indicator.

View chart

This option enables one to view the chart for a specified date and time. You can specify either the start date or the end date for which you need to view the chart. To specify the date and time and view the chart:


1. Click on the  - **View chart** button to open a dialog box, as shown in the figure below:



Figure 30: Select Start or End Date

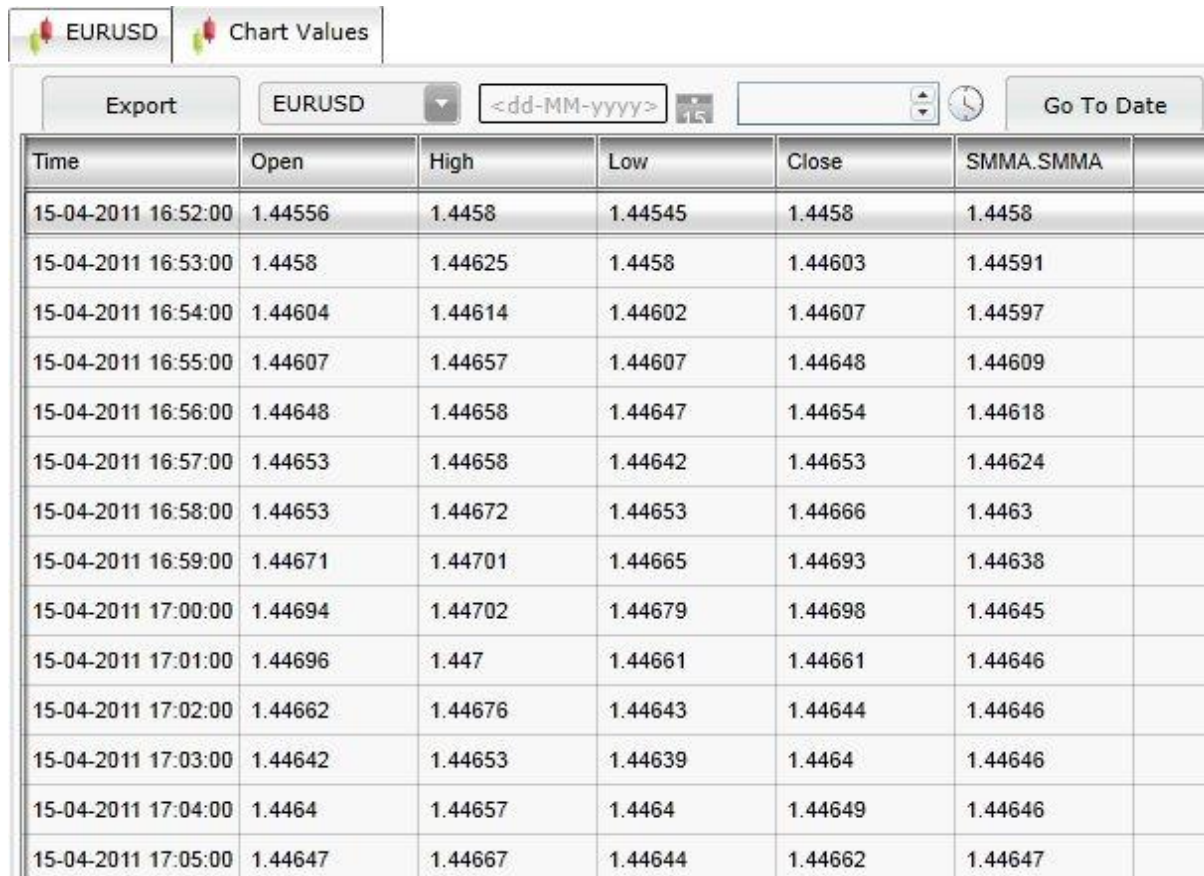
2. Specify the start date or end date and time for which you need to view the chart.
3. Click on **OK** button, the Straticator displays chart for the specified period.

Update Graph

This option in Straticator enables one to refresh the chart for the current time.

Show Values

This option enables one to view the **Open**, **High**, **Low**, and **Close** values corresponding to a chart. Click on the **Show Values** button to display the values, as shown in the figure below:



Time	Open	High	Low	Close	SMMA.SMMA
15-04-2011 16:52:00	1.44556	1.4458	1.44545	1.4458	1.4458
15-04-2011 16:53:00	1.4458	1.44625	1.4458	1.44603	1.44591
15-04-2011 16:54:00	1.44604	1.44614	1.44602	1.44607	1.44597
15-04-2011 16:55:00	1.44607	1.44657	1.44607	1.44648	1.44609
15-04-2011 16:56:00	1.44648	1.44658	1.44647	1.44654	1.44618
15-04-2011 16:57:00	1.44653	1.44658	1.44642	1.44653	1.44624
15-04-2011 16:58:00	1.44653	1.44672	1.44653	1.44666	1.4463
15-04-2011 16:59:00	1.44671	1.44701	1.44665	1.44693	1.44638
15-04-2011 17:00:00	1.44694	1.44702	1.44679	1.44698	1.44645
15-04-2011 17:01:00	1.44696	1.447	1.44661	1.44661	1.44646
15-04-2011 17:02:00	1.44662	1.44676	1.44643	1.44644	1.44646
15-04-2011 17:03:00	1.44642	1.44653	1.44639	1.4464	1.44646
15-04-2011 17:04:00	1.4464	1.44657	1.4464	1.44649	1.44646
15-04-2011 17:05:00	1.44647	1.44667	1.44644	1.44662	1.44647

Figure 31: Values Corresponding to the Chart

Compare

This option is used to compare two different charts with respect to:

- Different types of prices, such as open, high, low, and close.
- Different Indicators

Note: You need to have more than one chart visible to compare.

To compare two different charts:

1. Select the checkbox of all the charts that you need to compare. Figure below displays a list of two charts:

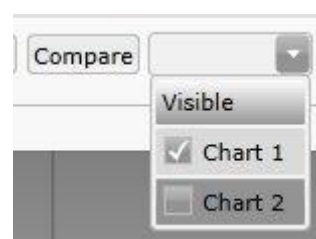


Figure 32: List of Charts

For example, in the above figure, you need to select the Chart2 checkbox as well to display both Chart1 and Chart2.

2. All the selected charts are then visible, as shown in figure below:



Figure 33: Two Different Charts

3. Click on **Compare** button to display the comparison screen, as shown in figure below:

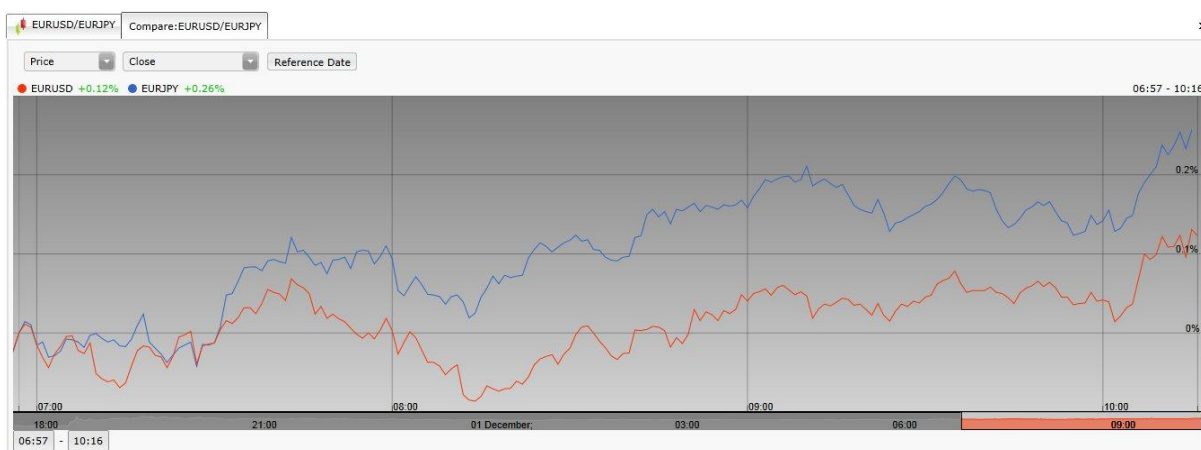


Figure 34: Comparison of Two Charts

Note: You can also select type of Price or Indicator to compare the two charts on the basis of selected Price or Indicator. Figure below displays different type of prices:

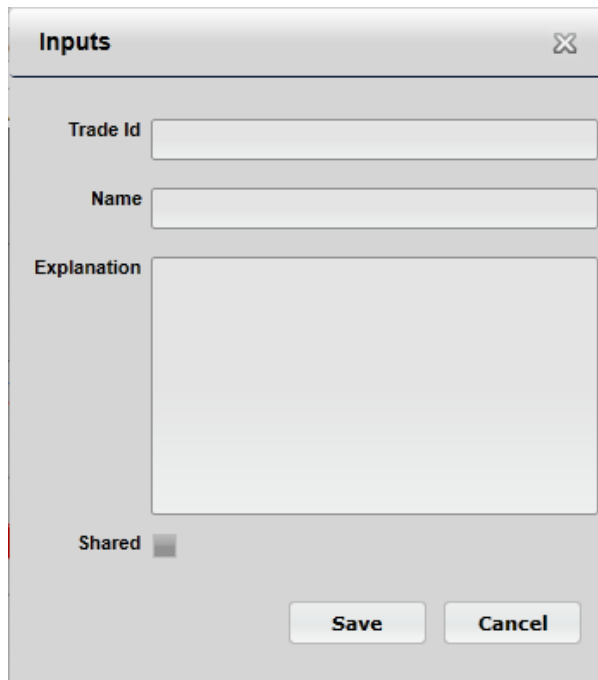


Figure 35: Different Types of Prices

Convert to a Strategy

In Straticator, you can apply any number of technical indicators, personal indicators, or candlestick patterns to a chart. This chart forms the foundation for a strategy and a user can use the **Convert to Strategy** option to easily convert a chart into a strategy. To convert a chart into a strategy:

1. Click on the **Convert to Strategy** button when the chart that you wish to convert is active.
2. Inputs dialog box appears, as shown in the figure below:

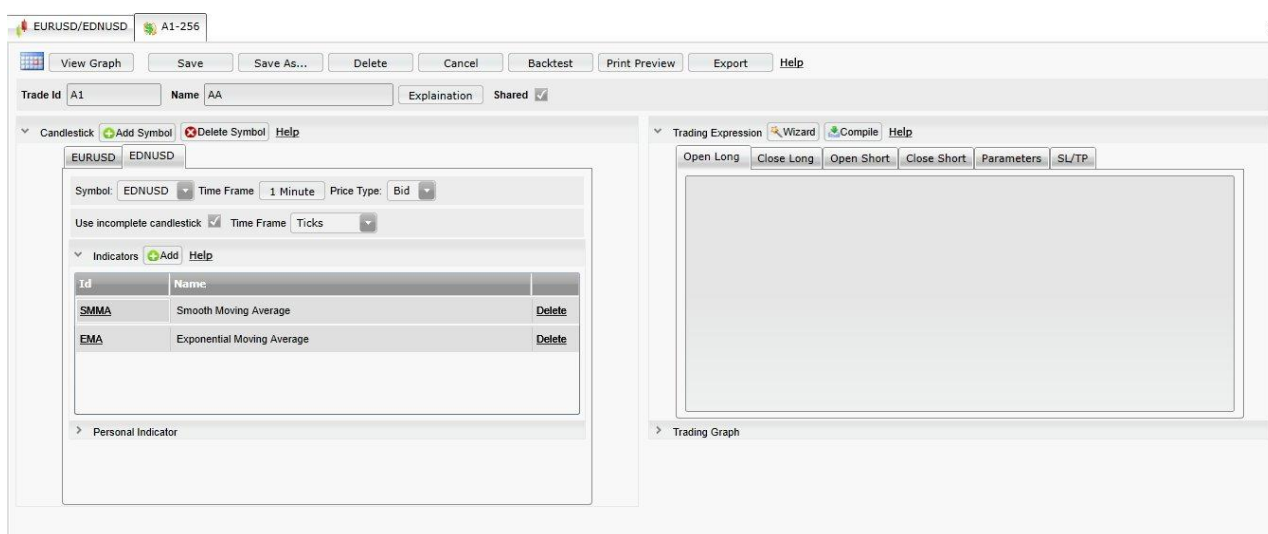


The 'Inputs' dialog box is a window with a title bar containing a close button. It contains three input fields: 'Trade Id', 'Name', and 'Explanation'. The 'Explanation' field is a larger text area. At the bottom left is a 'Shared' checkbox, and at the bottom right are 'Save' and 'Cancel' buttons.

Figure 36: Inputs Dialog Box

Note: You can select the **Shared** checkbox to share the strategy with other users.

3. Specify the details corresponding to each field, as shown in the above figure.
4. Click on the **Save** button to create the strategy and open a new screen, as shown in figure below:



The 'Create Strategy Screen' is a complex interface. At the top, it has a title bar with 'EURUSD/EDNUSD' and 'A1-256'. Below the title bar is a menu bar with 'View Graph', 'Save', 'Save As...', 'Delete', 'Cancel', 'Backtest', 'Print Preview', 'Export', and 'Help'. The main area is divided into two panes. The left pane has a 'Candlestick' tab and contains fields for 'Symbol' (EDNUSD), 'Time Frame' (1 Minute), 'Price Type' (Bid), 'Use incomplete candlestick' (checked), and 'Time Frame' (Ticks). It also has an 'Indicators' section with a table listing 'SMMA' (Smooth Moving Average) and 'EMA' (Exponential Moving Average), each with a 'Delete' button. The right pane has a 'Trading Expression' tab and contains a large text area for the trading expression. At the bottom of the right pane is a 'Trading Graph' section.

Figure 37: Create Strategy Screen

Trend Line

A trend line is formed when you can draw a diagonal line between two or more price pivot points. They are commonly used to judge entry and exit investment timing when trading securities. Trend lines are a simple and widely used technical analysis approach to judge entry and exit investment timing.

To draw a trend line on a chart:


1. Click on the  button.
2. Press the mouse button and drag in the direction you need to draw the trend line.
3. Release the mouse button to end the line. Figure below displays a trend line on the chart:



Figure 38: Trend Line

Note: Right-click on the trend line, to open a pop-up menu from where you can delete the trend line.

Prices

You can use this option to specify the conditions for trade.

1. Open Straticator.
2. Select **Trading** → **Prices** option from the menu, to open a sub-menu, as shown in the figure below:

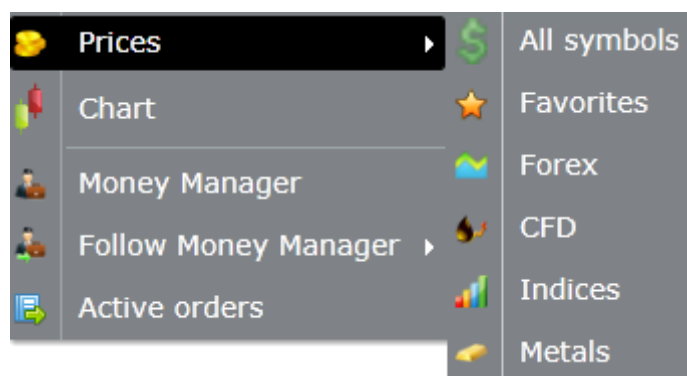


Figure 39: Prices Sub-Menu

3. Select any option for which you need to view the prices, for example, the figure below displays the prices for Indices:

Symbol	Bid	Ask	Name
<u>NAS100</u>	25 38.9	25 41.1	Nasdaq 100
<u>US30</u>	125 47.9	125 54.1	US 30
<u>UK100</u>	54 48.9	54 51.1	UK 100
<u>SPX500</u>	13 21.3	13 22.0	S&P 500
<u>GER30</u>	61 54.9	61 56.1	GER 30
<u>ITA40</u>	128 91.9	129 02.1	ITA 40
<u>ESP35</u>	66 01.9	66 10.1	ESP 35
<u>FRA40</u>	30 33.9	30 35.1	FRA 40
<u>HKG33</u>	189 41.9	189 57.1	HKG 33
<u>JPN225</u>	85 79.9	85 95.1	JPN 225
<u>SWE30</u>	9 76.8	9 77.5	SWE 30
<u>SUI30</u>	59 56.9	59 63.1	SUI 30
<u>AUS200</u>	40 39.9	40 41.1	AUS 200

Figure 40: Indices Price

4. Click on the symbol name for which you wish to trade. An order screen appears, as shown in the figure below:

The Order Screen for NAS100 includes the following fields in the left sidebar:

- Account: --Select Account--
- Current Prices: 25 36.9 (Bid) and 25 39.1 (Ask)
- Buttons: Sell, Buy
- Symbol: NAS100
- Volume: 0 (with a dropdown for NAS100)
- Order Type: Market
- Price: (input field) USD
- Slippage: 0.0
- Duration: Until Cancelled
- Take Profit (pips): 0
- Stop Loss (pips): 0
- Trailing Stop: (checkbox)

The main area displays a price ladder for NAS100 with a time range from 11:40:40 to 11:41:39. The ladder shows bid and ask prices and volumes, with a red line indicating the current market price.

Figure 41: Order Screen

In the above figure, following are the fields:

- **Symbol:** The instrument, which is being used for trading.
- **Volume (Lots):** In this field you can specify the amount that you wish to buy or sell..
- **Order Type:** In this field following list of order types are displayed:

- **Market:** This order will open a position immediately at the best price possible.
- **Quoted.** This order is the same as a market order, but the server checks, if the price the user last has seen on the screen is still valid or better.
- **Limit Entry:** This order is used to enter the market at a better price than the current price. The server will open a position once the limit price is reached.
- **Buy/Sell Stop:** This order is used to enter the market once the price breaks through a level. The limit price is placed at a “worse” price than the current price. The server will open a position once the price breaks through the break price.
- **Take Profit:** This order is used to exit the market. This order is designed to take a profit home for the investor. The server will exit the volume specified once the price reached the limit price.
- **Stop Loss:** This order is used to exit the market. This order is designed to limit the investor losses. The server will exit the volume specified once the price reached the limit price.
- **Trailing Stop Loss:** This order is a variation of “Stop Loss” order. This order will adjust the exit price if the market price turns better than it was at time the order was placed. This way the Stop Loss price will be adjusted to a smaller loss (or a profit).

These 3 order types: **Take profit**, **Stop Loss**, and **Trailing Stop Loss** will never trade a volume that will increase the position on the account. If the account has a position of 20.000 EURUSD, but the order is entered with a trading volume of 30.000, the order will only trade 20.000. These 3 order types will automatically be canceled if the account goes neutral or change direction (for example, from long to short or from short to long).

- **Price:** In this field you can specify a price at which you wish to buy or sell. The price can be specified in case of all order types except **Market**.
- **Slippage:** In this field you can specify the slippage. It is the difference between the expected price of a trade and the price the trade actually executes at. The slippage can only be specified in case of **Quoted** order type.
- **Duration:** In this field list of following durations is displayed:
 - **Until Cancel:** It implies that the order is active until user cancels it manually.
 - **End of Day:** It implies that the order is active for a day.
 - **End of Week:** It implies that the order is active for a week.

Duration is the time till which an order is active

- **Account:** In this field the user account through which the user needs to trade, is displayed. It displays multiple options if a user has more than one account with a broker.
- **Track**
- **Take Profit (pips):** In this field you can specify the number of pips to lock in profits when the rate moves in a favourable direction.

- **Stop Loss (pips):** In this field you can specify the number of pips to lock in the loss when the rate falls down.

5. Click on the **Buy/Sell** button to buy or sell correspondingly.

Rules for Stop Loss, Trailing Stop Loss, and Take Profit Orders

These 3 order types are designed to reduce the position on an account; either to minimize a loss (Stop Loss or Trailing Stop Loss order) or to take home a profit (Take Profit).

When the quote price reaches the limit price on the order, the order gets triggered and sent to execution.

If this order, which is designed to reduce position, increases the position, the order is canceled. In Order History the **Action** will be **Cancel Increase Position**, as shown in Figure below:

Order I	Symbol	Created Time	Price	Lots	S/L	T/P	Expiry	Order Type	Order Origin	Action	Time	Origin
772	AUDCAD	01-08-2012 16:16:27	1,05200	0,10			Good Til Cancel	Take Profit	Manual	Cancel Increase Position	01-08-2012 20:14:28	
771	AUDCAD	01-08-2012 16:07:07	1,05240	-0,05			Good Til Cancel	Stop Loss	Manual	Cancel Increase Position	01-08-2012 16:30:36	
770	AUDCAD	01-08-2012 15:53:31	1,05250	-0,10			Good Til Cancel	Trailing Stop Los	Manual	Cancel Increase Position	01-08-2012 15:55:27	
768	EURJPY	01-08-2012 00:12:22	95,998	-0,25			Good Til Cancel	Stop Loss	Trade	Cancel Increase Position	01-08-2012 01:21:31	766

Figure 42: Order History

If the order decreases the position, the order is executed. However, if the order volume is greater than the position on the account, the order volume is decreased, to ensure that the order brings the position to neutral.

Rules for Stop Loss (pips), Trailing Stop Loss, and Take Profit (pips)

First of all, these values can only be set on following order types:

- Market
- Quoted
- Limit
- Buy/Sell Stop.

Figure 43: Order Screen

When you specify values greater than 0 in these fields, a new Stop Loss and/or a new Take Profit order is generated during execution of the main order.

The 2 new orders get their own Order Id at execution time of the main order. Until the main order is executed, these 2 new orders do not have an Order Id. Once the main order is executed, 2 new orders are generated.

Order Id	Symbol	Created Time	Price	Lots	S/L	T/P	Expiry	Order Type	Order Origin	Action	Time	Origin Order Id	Related Order Id
1180611	EURUSD	22-08-2012 12:03:32	1,24326	-1,00			Good Til Cancel	Stop Loss	Trade	Pending	22-08-2012 12:03:32	1180609	1180610
1180610	EURUSD	22-08-2012 12:03:32	1,24626	-1,00			Good Til Cancel	Take Profit	Trade	Pending	22-08-2012 12:03:32	1180609	1180611
1180609	EURUSD	22-08-2012 12:03:32	1,24626	1,00	30	20	Good Til Cancel	Quoted	Manual	Traded	22-08-2012 12:03:32		

Figure 44: Order History

In the above figure, the value in the column **Original Order Id** is the Order Id of the order, which generated this order.

In **Related Order Id**, the two new orders have the Order Id of the other. The **Related Order Id** field is used to cancel the other order once one of them gets executed. So if one gets Trades the other gets cancelled.

Order Id	Symbol	Created Time	Price	Lots	S/L	T/P	Expiry	Order Type	Order Origin	Action	Time	Origin Order Id	Related Order Id
1180611	EURUSD	22-08-2012 12:03:32	1.24326	-1.00			Good Till Cancel	Stop Loss	Trade	Traded	22-08-2012 14:46:39	1180609	1180610
1180610	EURUSD	22-08-2012 12:03:32	1.24826	-1.00			Good Till Cancel	Take Profit	Trade	Cancel Related	22-08-2012 14:46:39	1180609	1180611
1180609	EURUSD	22-08-2012 12:03:32	1.24629	1.00	30	20	Good Till Cancel	Quoted	Manual	Traded	22-08-2012 12:03:32		

Figure 45: Order History

In the figure above, If the main order (here Order ID = 1180609) would have decreased the position on the account, these two new orders, would not have been generated.

If the main order (here Order ID = 1180609) would trade opposite the position on the account, the two new orders would be generated, but with a volume of new position and not the volume traded. This is possible only when the traded amount is greater than the position on the account as it would have brought the position to the opposite side (For example, Long to Short or Short to Long).

Money Manager

In the modern challenging world it is vital to be aware of the numerous investing opportunities. You need to make an informed choice, accept the profitable ones and reject unsecure and risky offers.

But there have always been two very special categories of clients:

- People who would like to diversify their investments and benefit from Forex and CFD trading but have no time or skills to do in-depth market research, trade and monitor positions themselves;
- Professional money managers who would like to manage funds many times exceeding their own capital receive a guaranteed fee for that.

Straticator introduces a new investing tool that can make interaction between Money Managers and Investors more effective, honest, flexible and transparent. It is an innovative, full-featured LAMM (Lot Allocation Management Module) service.

This system consists of one account of the Money Manager and multiple individual accounts of the investors. The Money Manager trades on his personal account and all transactions (both profitable and unprofitable), are manifested on the accounts of the investors.

The Money Manager setup up a “portfolio account” and then all investments made on this account is “replicated” on to clients’ accounts, which is setup to follow the portfolio account.

The investor operates his account, thus, the transactions carried out by Money Managers are automatically copied on each investors' account. The results of this trade are determined by the profitability of these transactions.

The Investor can join any number of Money Manager with different profiles to diverse his investments and may at any time disconnect his account from the Money Manager.

The whole process is carried out in following steps:

1. Admin creates a new User or opens the existing user details.
2. Admin assigns the Money Manager task to the new or existing user.
3. Money Manager User logs in and creates portfolio accounts.
4. Other users can follow money managers once they have shared the portfolio accounts.

The user can create a portfolio and even follow other money managers, when the user logs in as a Money Manager. To create a money manager portfolio:

1. Select the **Trading → Money Manager** option to open the Money Manager screen.
2. Click on the **Create** button to open **Add Portfolio** screen, as shown in figure below:

Figure 46: Add Portfolio Screen

The fields in the above figure being explained below:

- **Name:** Specify the name of the portfolio
 - **Aid:** Select the name of the account for which the Money Manager trades
 - **Amount:** Specify the total amount for trading
 - **Currency:** Select the currency for trading
 - **Description:** Specify any other information about the portfolio account
 - **Shared:** If you select this option, the portfolio is shared with other users as well.
 - **Active:** If you select this option, the portfolio is active and other Money Managers or Users can follow the Money Manager.
 - **All Users:** If you select this option, the portfolio is available for all users
 - **Approve Followers:** If you select this option, only the approved followers can follow a Money Manager portfolio
3. Save all the information to create a portfolio.

Note: A user can create one portfolio for each trading account.

Once a Money Manager creates, shares, and makes a portfolio active, Other Money Managers and users can follow the portfolio.

When the user selects the **Trading → Follow Money Manager** option, there are two different options in the submenu:

- **Active Followed:** This option enables a user to add a portfolio to be followed
- **What to Follow:** This option displays a list of active portfolios. The user can select any portfolio and click on the **Follow** button to start following the selected portfolio

Active Followed

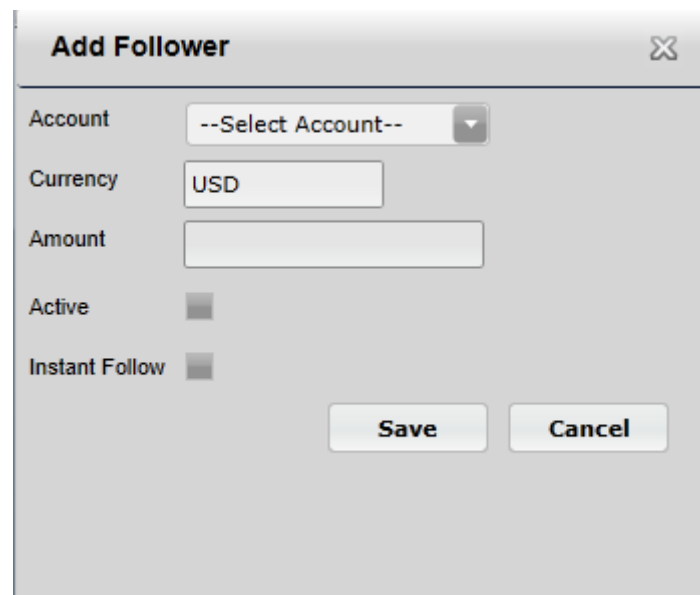
1. Select the **Trading → Follow Money Manager → Active Followed** option.
2. Click on the **Add** button to display a list of money manager portfolios, as shown in the figure below:

Money Manager							
LoginId	PFid	Name	Description	Amount	Currency	Approve Follower	Website
monika	2	Test1	Us Dollars	3,000	USD	<input type="checkbox"/>	
Navya	3	Test2	Euros	57,890	EUR	<input type="checkbox"/>	

OK Cancel

Figure 47: List of Money Manager Portfolios

3. Select one portfolio and click on **OK** button to open the **Add Follower** dialog box, as shown in the figure below:



The 'Add Follower' dialog box contains the following fields and controls:

- Account:** A dropdown menu with the text '--Select Account--' and a downward arrow.
- Currency:** A text input field containing 'USD'.
- Amount:** An empty text input field.
- Active:** A checkbox that is currently unchecked.
- Instant Follow:** A checkbox that is currently unchecked.
- Buttons:** 'Save' and 'Cancel' buttons at the bottom right.

Figure 48: Add Follower

4. Select the account, specify the currency and amount, and select the **Active** and **Instant Follow** option. Save the information.
5. The details get displayed on the Follow Money Manager screen, as shown in the figure below:

Follow Money Manager										
<div>Add Delete</div>										
PFid	Name	Description	Account No	Account Name	Amount	Active	Instant Follow	Approved	Website	Created On
2	Test1	Us Dollars	48	monika Demo	5,500	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		11-05-2012

Figure 49: Follow Money Manager Screen

What to Follow

1. Select the **Trading → Follow Money Manager → What to Follow** option to display list of active portfolios, as shown in figure below:

What To Follow							
Follow							
LoginId	PFid	Name	Description	Amount	Currency	Approve Followers	Website
monika	2	Test1	Us Dollars	3,000	USD	<input type="checkbox"/>	
Navya	3	Test2	Euros	57,890	EUR	<input type="checkbox"/>	

Figure 50: What to Follow

2. Select any one portfolio that you need to follow and click on the **Follow** button to open the **Add Follower** dialog box.
3. Specify all details as mentioned earlier and save the information.

2.2.4 Robot Menu

The options in the Robot menu enable one to create new robots using strategies and inspect or stop the running robots.

The options under **Robot** menu, as shown in figure below are:

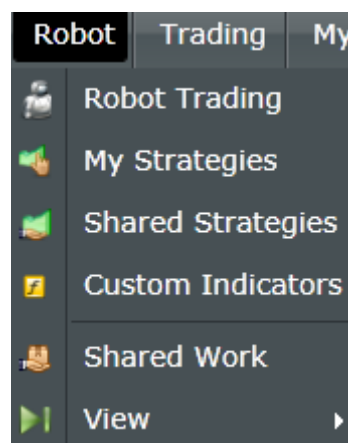


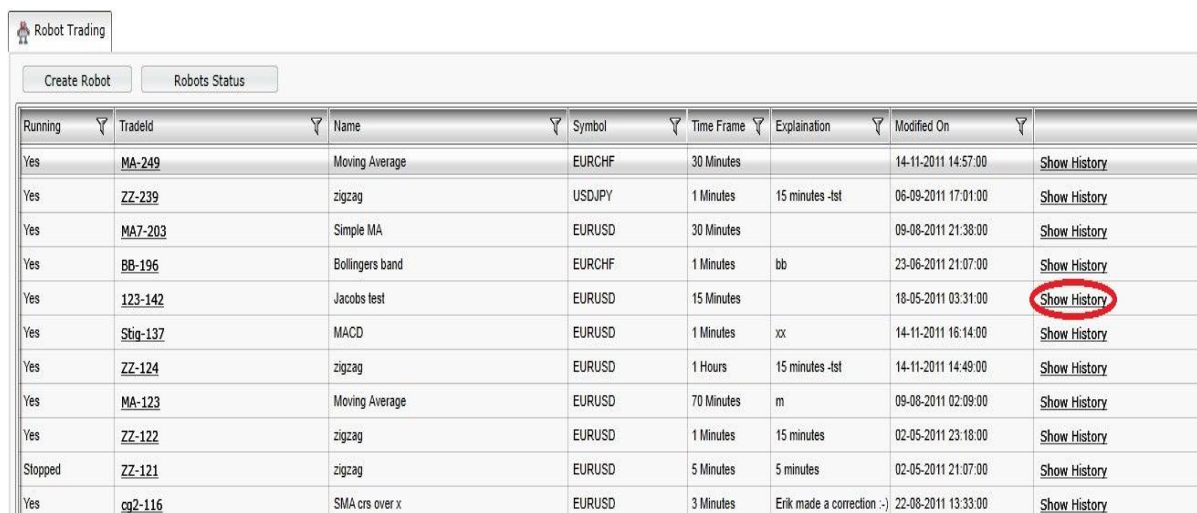
Figure 51: Robot Menu

- **Robot Trading**
- **My Strategies**
- **Shared Strategies**
- **Custom Indicators**
- **Shared Work**
- **View**

Robot Trading

This option enables the user to view all robots and create new robots.

1. Open the Straticator.
2. Select the **Robot → Robot Trading** option to display the list of robots, as shown in figure below:



Running	Tradeld	Name	Symbol	Time Frame	Explanation	Modified On	Show History
Yes	MA-249	Moving Average	EURCHF	30 Minutes		14-11-2011 14:57:00	Show History
Yes	ZZ-239	zigzag	USDJPY	1 Minutes	15 minutes -1st	06-09-2011 17:01:00	Show History
Yes	MA7-203	Simple MA	EURUSD	30 Minutes		09-08-2011 21:38:00	Show History
Yes	BB-196	Bollingers band	EURCHF	1 Minutes	bb	23-06-2011 21:07:00	Show History
Yes	123-142	Jacobs test	EURUSD	15 Minutes		18-05-2011 03:31:00	Show History
Yes	Stig-137	MACD	EURUSD	1 Minutes	xx	14-11-2011 16:14:00	Show History
Yes	ZZ-124	zigzag	EURUSD	1 Hours	15 minutes -1st	14-11-2011 14:49:00	Show History
Yes	MA-123	Moving Average	EURUSD	70 Minutes	m	09-08-2011 02:09:00	Show History
Yes	ZZ-122	zigzag	EURUSD	1 Minutes	15 minutes	02-05-2011 23:18:00	Show History
Stopped	ZZ-121	zigzag	EURUSD	5 Minutes	5 minutes	02-05-2011 21:07:00	Show History
Yes	cg2-116	SMA crs over x	EURUSD	3 Minutes	Erik made a correction :-)	22-08-2011 13:33:00	Show History

Figure 52: Robot Trading Screen

You can also view past details of a robot, such as start and end time of the robot, reason for termination, profit, and trading volume.

3. Click on the **Show History** hyperlink corresponding to the robot for which you need to view the history. Figure below displays history of a robot:



Started	Stopped	Terminated Reason	Open Position	Profit	Volume	Total Trading Volume	Number Of Trades	Demo Mode	Parameters	Transactions
18-05-2011 03:31:00	09-08-2011 01:43:00	Manuel	No	-82.1	10,000	2,60,000	26	No		

Figure 53: History of a Robot

You can also view the robot details when you click on the **Tradeld** of a robot.

4. Click on the **Tradeld** hyperlink corresponding to the robot for which you need to view the details.

To create a new robot:

1. Click on the **Create Robot** button on the Robot Trading screen to open **Add Robot** screen, as shown in figure below:

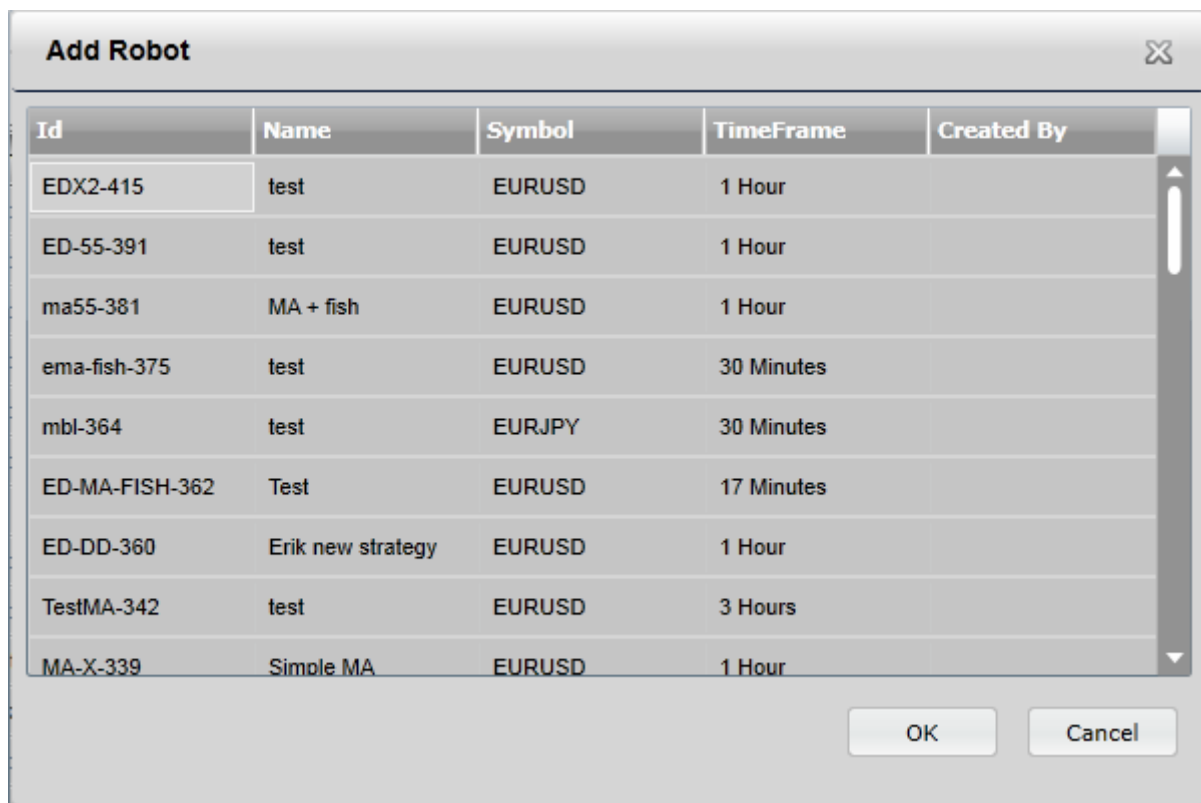
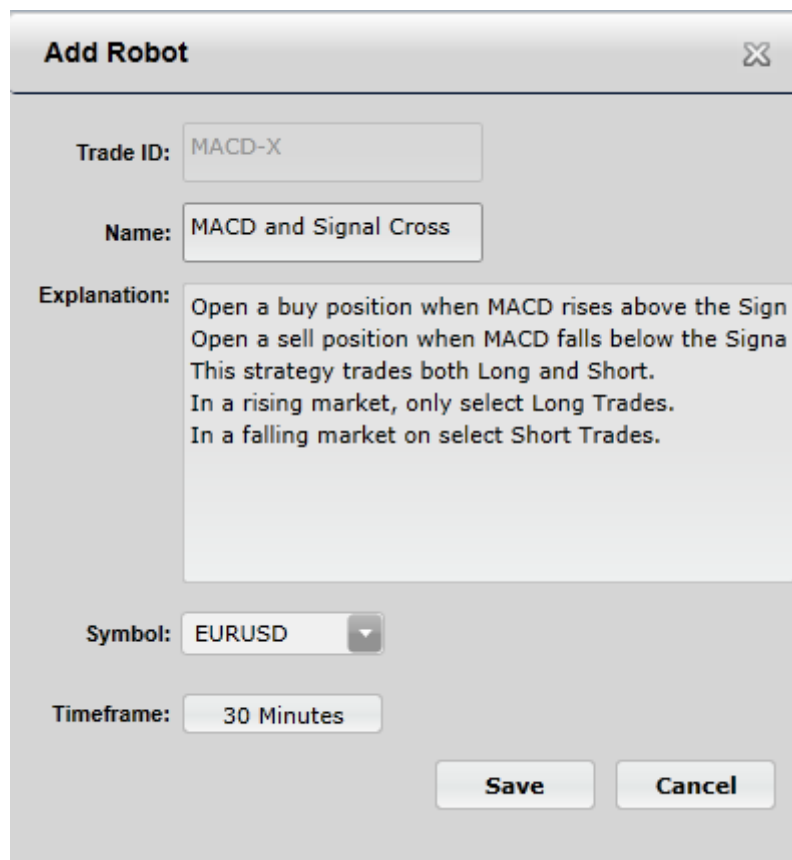


Figure 54: Add Robot Screen

The figure above displays a list of strategies through which a user can create a robot.

2. Select a strategy and click on **OK** button. Another Add Robot screen appears, as shown in figure below:



Add Robot

Trade ID: MACD-X

Name: MACD and Signal Cross

Explanation: Open a buy position when MACD rises above the Sign
Open a sell position when MACD falls below the Signa
This strategy trades both Long and Short.
In a rising market, only select Long Trades.
In a falling market on select Short Trades.

Symbol: EURUSD

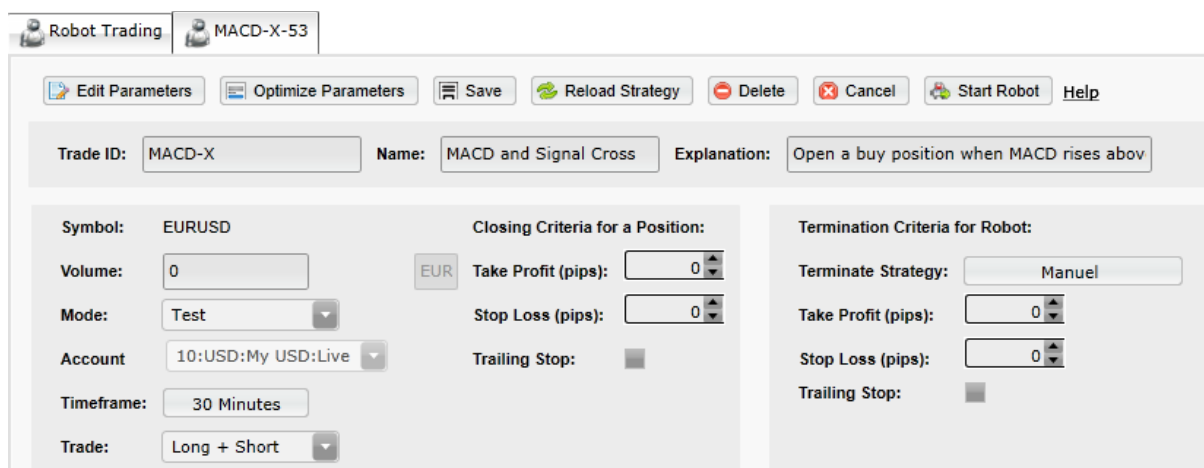
Timeframe: 30 Minutes

Save Cancel

Figure 55: Modify the Details

In the above figure, you can edit the parameters to create a new robot.

3. Save the changes to display a screen, wherein you can change the parameters for a robot. Figure below displays the robot parameters screen:



Robot Trading MACD-X-53

Edit Parameters Optimize Parameters Save Reload Strategy Delete Cancel Start Robot Help

Trade ID: MACD-X Name: MACD and Signal Cross Explanation: Open a buy position when MACD rises above

Symbol: EURUSD Closing Criteria for a Position: Termination Criteria for Robot:

Volume: 0 EUR Take Profit (pips): 0

Mode: Test Stop Loss (pips): 0

Account: 10:USD:My USD:Live Trailing Stop: Trailing Stop:

Timeframe: 30 Minutes

Trade: Long + Short

Terminate Strategy: Manual

Take Profit (pips): 0

Stop Loss (pips): 0

Trailing Stop:

Figure 56: Robot Parameters

4. Modify the parameters and click on the **Start Robot** button to start the execution of robot.

My Strategies

A trading strategy is a predefined set of rules for making trading decisions. The trading robot may be built around a predefined trading strategy for the financial instrument. However, it is also within embodiments of the invention, that a trading strategy has one or more built in variables, which can be changed to optimize a trading strategy used by a robot.

This option enables one to create a *Strategy*, which is only accessible to authorized persons. One can also edit, back-test, and optimize the strategies

1. Open the Straticator.
2. Select the **Robot → My Strategies** option to display the list of strategies, as shown in figure below:

My Strategies									
<div> Create Strategy Backtest Result Create Robot Import </div>									
TradeId	Name	Symbol	Time Frame	Explanation	Created On	Modified On	Shared		
MAMA-238	MAMA FAMA Moving Average Cro	EURUSD	30 Minutes	Using MESA Adaptive Moving Ave	06-09-2011 01:24:00	23-09-2011 11:34:00	Yes	Backtest	
STO-237	STO Fej i min	EURUSD	30 Minutes	The Stochastic indicator consists o The first line (%K, the green line) c with the close price over a certain The other line (%D, the blue line) is The strategy will open a buy positio and a Sell Position in the opposite	30-08-2011 20:12:00	30-08-2011 20:12:00	No	Backtest	
ADX-pSAR-235	ADX DI+DI- and pSAR	EURUSD	30 Minutes	When Parabolic SAR is in the uptr ADX.PlusDI is above ADX.MinusD the strategy goes Long, and it sends a sell signal or go Shc (pSAR in downtrend and ADX.Mini	30-08-2011 12:35:00	30-08-2011 12:37:00	Yes	Backtest	
Elder-226	Eler name	EURUSD	Ticks		26-08-2011 17:46:00	26-08-2011 17:46:00	No	Backtest	
DM-212	DeMarker	EURUSD	30 Minutes		26-08-2011 16:51:00	26-08-2011 17:45:00	No	Backtest	
cq2-210	SMA crs over xy	EURUSD	3 Minutes	Erik made a correction :-)	26-08-2011 16:35:00	15-09-2011 20:49:00	No	Backtest	
MA-Long-209	Moving Average Long	EURUSD	10 Minutes	test	26-08-2011 16:34:00	26-08-2011 16:34:00	Yes	Backtest	
Nick-208	Nicks MACD	EURUSD	17 Minutes	EUR JPY USD	26-08-2011 16:34:00	26-08-2011 16:34:00	No	Backtest	
MA-207	Moving Average	EURUSD	30 Minutes	m	26-08-2011 16:34:00	26-08-2011 16:54:00	Yes	Backtest	

Figure 57: List of Strategies

In the above screen, you can perform following tasks:

1. Create and Edit Strategy
2. View Backtest Result
3. Create Robot
4. Import Strategies

Create and Edit Strategy

To create a strategy:

1. Click on **Create Strategy** button to open the Create Strategy screen, as shown in figure below:

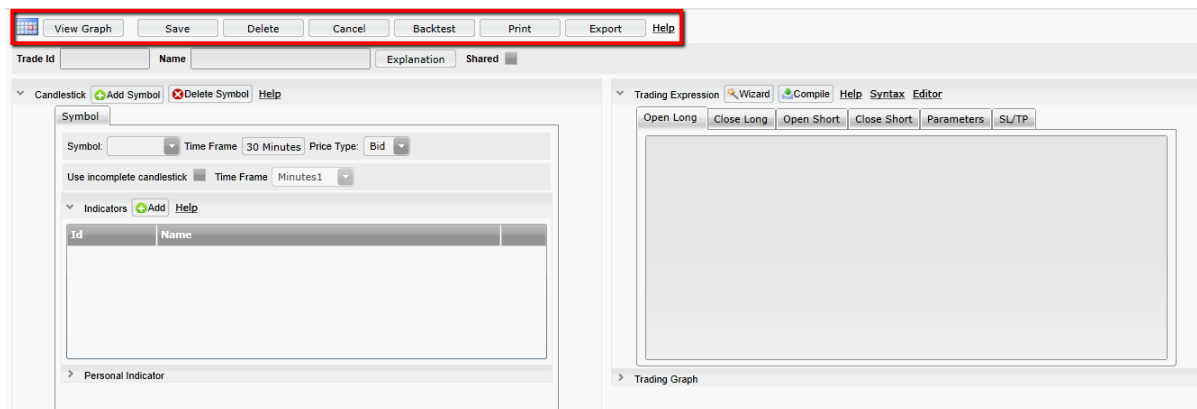


Figure 58: Create Strategy Screen

In the above screen, you can add one or more symbols to be included in the strategy. In each symbol, further you can add one or more technical indicators.

One can even create custom indicators, which can be included in a strategy.

When you click on **Add Symbol** button in the **Candlestick** frame, a new symbol tab appears, as shown in figure below:

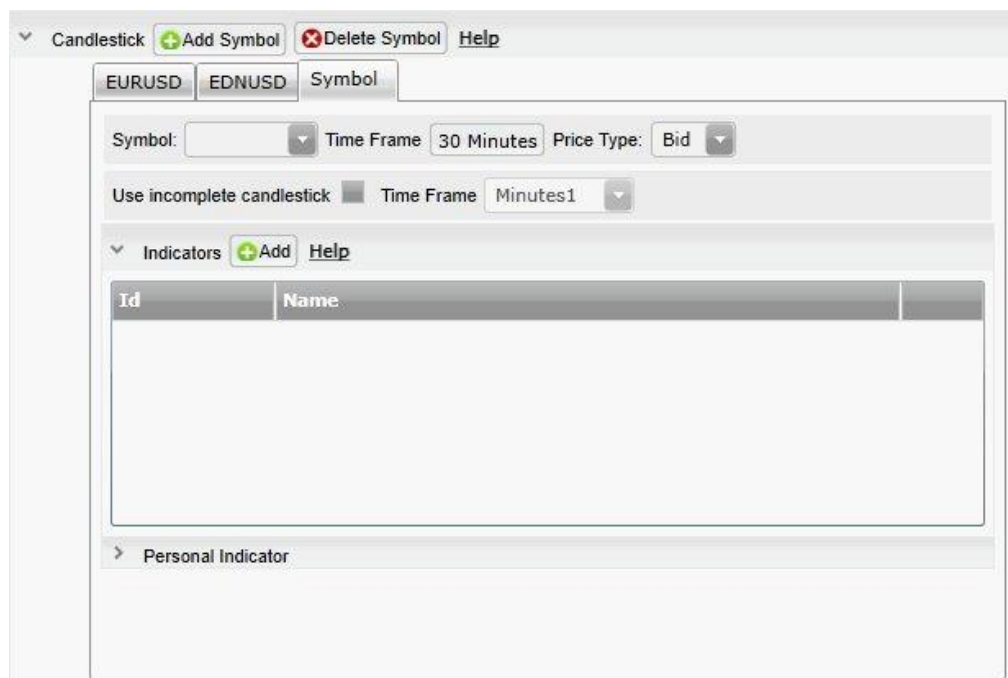


Figure 59: New Symbol Tab

Specify all details, such as name of the symbol, time frame, and price type. Click on the **Add** button in the symbol tab to add a technical indicator to the symbol. Figure below displays a new symbol tab added along with a technical indicator:

The screenshot shows the Straticator software interface. At the top, there are tabs for 'Candlestick', 'Add Symbol', 'Delete Symbol', and 'Help'. Below these, there are tabs for 'EURUSD', 'EDNUSD', and 'Symbol'. The 'Symbol' tab is active, showing a form with the following fields:

- Symbol: GBPUSD (dropdown)
- Time Frame: 30 Minutes (dropdown)
- Price Type: Bid (dropdown)
- Use incomplete candlestick: ☒ (checkbox)
- Time Frame: Minutes1 (dropdown)

Below the form, there is a section for 'Indicators' with an 'Add' button and a 'Help' link. A table lists the added indicators:

Id	Name	
SMMA	Smooth Moving Average	Delete

At the bottom, there is a 'Personal Indicator' section with a right-pointing arrow.

Figure 60: New Indicator Added to a Symbol

Click on the **Wizard** button to create custom indicators with user-defined expressions. You can create trade expressions for open long, close long, open short, and close short. Following are the steps to create a trading expression:

1. Click on the **Wizard** button in the **Trading Expression** frame to start the wizard, as shown in figure below:

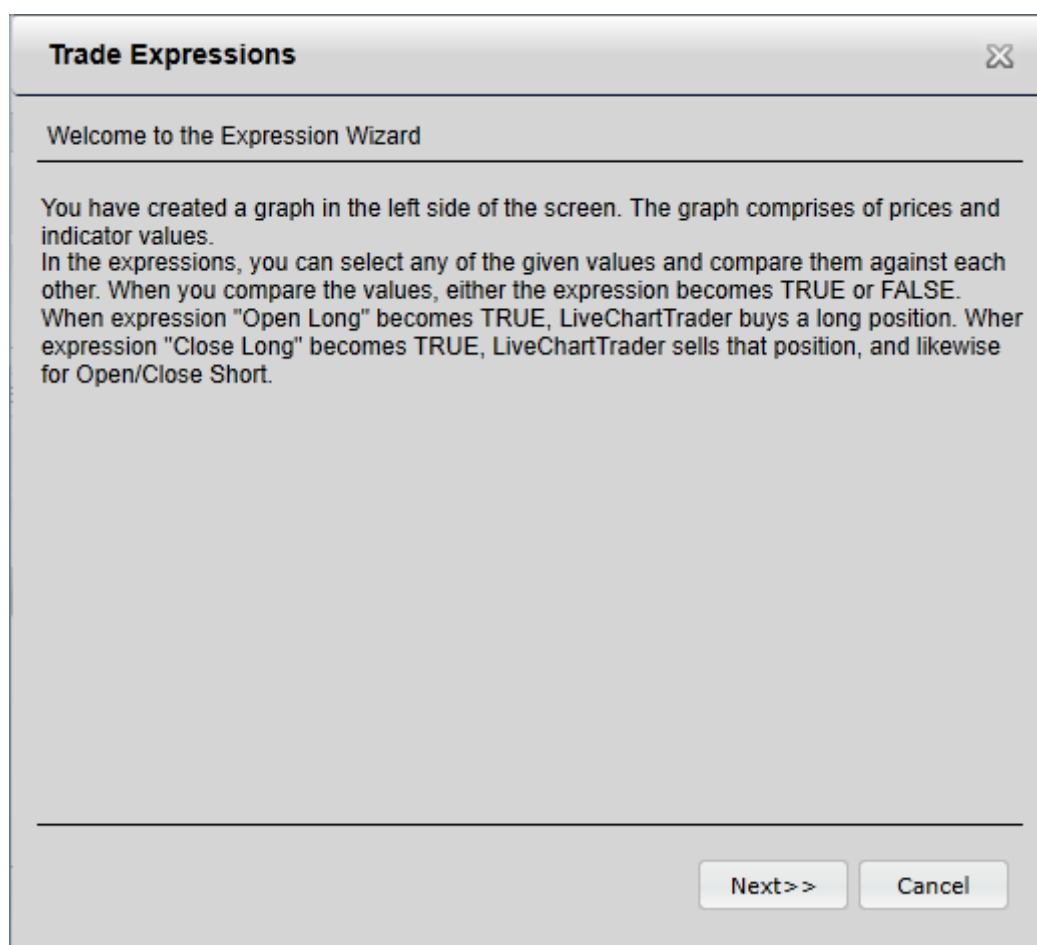
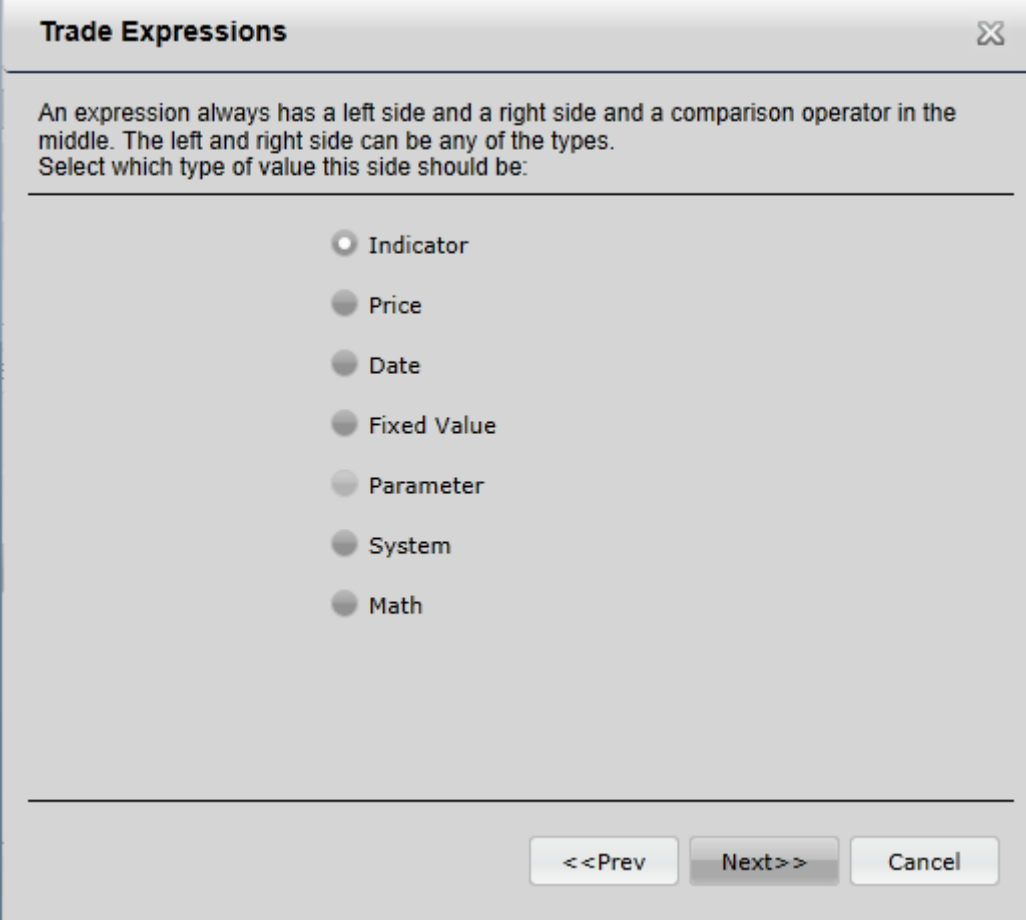


Figure 61: Welcome to the Expression Wizard

2. Click on the **Next** button to display a screen, as shown in figure below:



The image shows a dialog box titled "Trade Expressions" with a close button (X) in the top right corner. Below the title bar, there is a text area containing the following text: "An expression always has a left side and a right side and a comparison operator in the middle. The left and right side can be any of the types. Select which type of value this side should be:". Below this text, there is a list of seven radio button options: "Indicator", "Price", "Date", "Fixed Value", "Parameter", "System", and "Math". The "Indicator" option is selected, indicated by a small white dot in the center of the radio button. At the bottom of the dialog box, there are three buttons: "<<Prev", "Next>>", and "Cancel". The "Next>>" button is highlighted with a darker background.

Figure 62: Select Type of Value

In the figure above select the type of value to be on the left side of the expression.

3. Continue on the wizard and specify all values for the left side of the expression, as shown in the figure below:

Trade Expressions [X]

You can now pick a value from one of the indicators.
In "Period" enter "How many periods ago" the indicator value is. 0 is most recent value. 1 is the previous value. 8 is the indicator value 8 periods ago.

Select Symbol: Symbol1(EURUSD) [v]

Select an Indicator: SMMA [v]

Select Graph: SMMA [v]

Periods: 0

Apply Function: None [v]

Number of Periods: 0

<<Prev Next>> Cancel

Figure 63: Select the Values

4. Select the comparison operator in the next screen of the wizard, which is shown in the figure below:

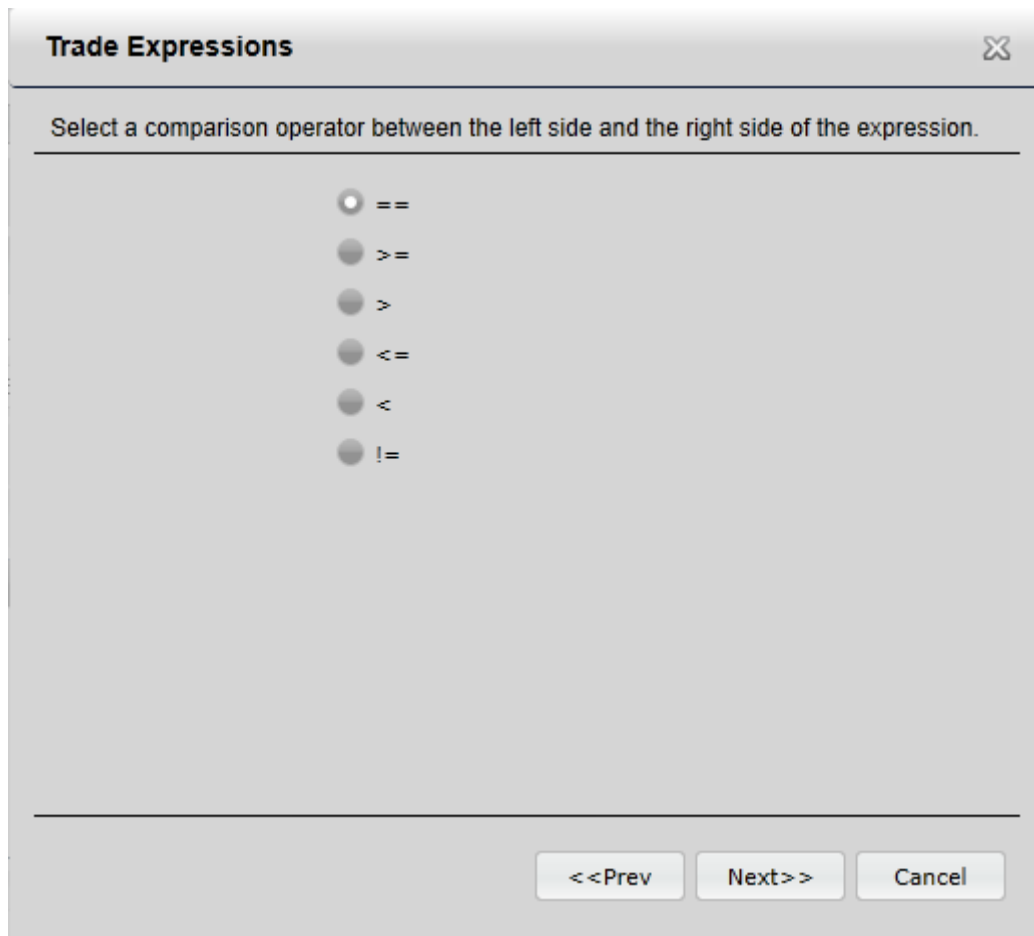


Figure 64: Select Compare Operator

5. Repeat the steps 2 and 3 to create the right side of the expression.
6. Click on **Finish** button to close the wizard. Figure below displays the complete expression for **open long**.
7. Click on the **Compile** button to compile the expressions.

Note: Repeat the complete wizard to create expressions for close long, open short, and close short.

The figure below displays the options that you can use while creating a strategy:

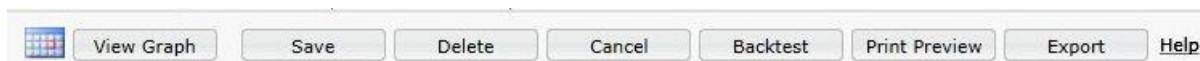


Figure 65: Options on Create Strategy Screen

- **View Graph:** Click on the View Graph button to display a graph, as shown in figure below:

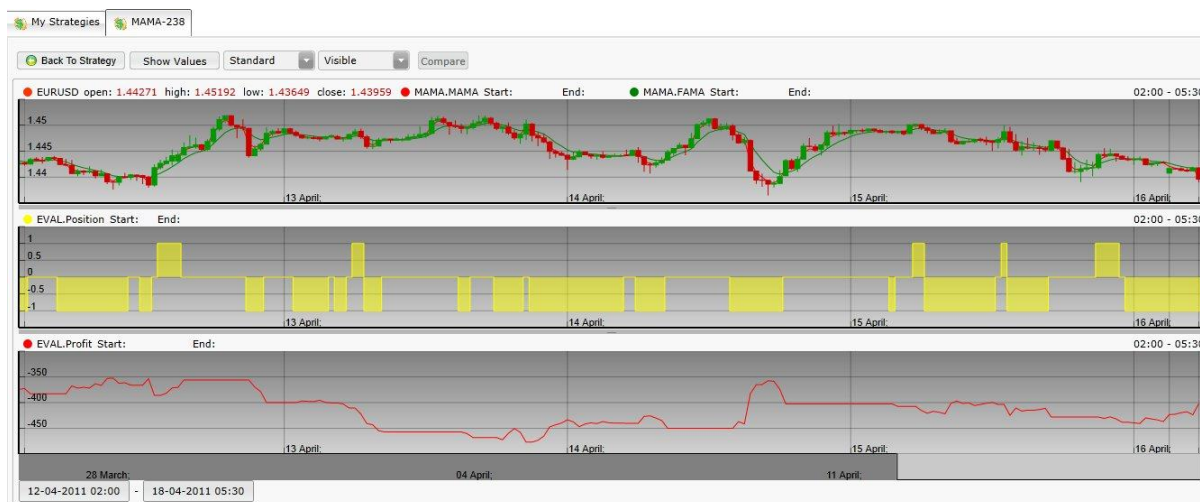


Figure 66: Strategy Graph

Following are the operations that you can perform on the above screen:

- You can click on the **Show Values** button to display the values corresponding to the graph, as shown in figure below:

My Strategies

MAMA-238

Chart Values

Export

EURUSD

<dd-MM-yyyy>

Go To Date

Time	Open	High	Low	Close	MAMA.MAMA	MAMA.FAMA	EVAL.Position	EVAL.Profit
25-03-2011 06:00:00	1.41693	1.4174	1.41638	1.41728	1.41728	1.41728	0	0
25-03-2011 06:30:00	1.41732	1.41783	1.41715	1.41749	1.41743	1.41733	1	0
25-03-2011 07:00:00	1.41755	1.41811	1.41714	1.41754	1.41751	1.41739	1	-0.5
25-03-2011 07:30:00	1.41754	1.4181	1.41718	1.41776	1.41768	1.41749	1	1.7
25-03-2011 08:00:00	1.41784	1.4181	1.4169	1.41719	1.41734	1.41744	-1	-4
25-03-2011 08:30:00	1.4172	1.4174	1.41691	1.41704	1.41713	1.41733	-1	-3.5
25-03-2011 09:00:00	1.41705	1.41705	1.41654	1.4166	1.41681	1.41718	-1	0.9
25-03-2011 09:30:00	1.41663	1.41702	1.4165	1.41683	1.41682	1.41707	-1	-1.8
25-03-2011 10:00:00	1.41685	1.41746	1.41674	1.41721	1.41706	1.41707	-1	-5.2
25-03-2011 10:30:00	1.41724	1.41736	1.41699	1.41703	1.41704	1.41706	-1	-3.4
25-03-2011 11:00:00	1.41702	1.41717	1.41634	1.41691	1.41696	1.41703	-1	-2
25-03-2011 11:30:00	1.41683	1.41766	1.41632	1.41726	1.41714	1.41706	0	-5.5
25-03-2011 12:00:00	1.41727	1.41747	1.41691	1.41723	1.41719	1.4171	1	-5.5
25-03-2011 12:30:00	1.41727	1.41937	1.41693	1.41885	1.41819	1.41743	1	9.7

Figure 67: Chart Values

- b) You can click on Back to Strategy button to return back to the strategy screen.
- c) You can open multiple charts, make them visible and click on Compare button to compare all the visible charts with each other.
- **Backtest:** Click on the Backtest button to display the screen, as shown in figure below:

The screenshot shows the 'Backtest-MAMA-238' window. At the top, there are tabs for 'My Strategies', 'MAMA-238', and 'Backtest-MAMA-238'. Below the tabs are 'Test' and 'Cancel' buttons. The main configuration area includes:

- From Date:** A date picker set to '<dd-MM-yyyy>' with a '15' day indicator.
- To Date:** A date picker set to '<dd-MM-yyyy>' with a '15' day indicator.
- Backtest Range:** A dropdown menu set to 'Optimize All'.
- Optional Ratio:** A numeric input field set to '5'.
- Fixed Spread:** A checkbox (unchecked) and a numeric input field set to '0.0'.
- Time Frame:** Three buttons labeled 'From', 'Step', and 'To', each with a dropdown menu. The 'From' and 'To' buttons are set to '30 Minutes', and the 'Step' button is set to '---'.
- Closing Criteria for a Position:** A table with columns: Parameter, Current Value, From, Step, To, and Optimization.

Parameter	Current Value	From	Step	To	Optimization
Take Profit (pips):	30	15	11.25	60	<input type="checkbox"/>
Stop Loss (pips):	30	15	11.25	60	<input type="checkbox"/>
Trailing Stop:	<input checked="" type="checkbox"/>				
- EURUSD:MAMA MESA Adaptive Moving Average:** A table with columns: Parameter, Current Value, From, Step, To, and Optimization.

Parameter	Current Value	From	Step	To	Optimization
Fast Limit	0.7	0	0.1	1	<input type="checkbox"/>
Slow Limit	0.6	0	0.1	1	<input type="checkbox"/>

Figure 68: Backtest Screen

Specify all criteria for testing a strategy and click on the **Test** button to perform a backtest.

- **Print Preview:** Displays the print preview of the strategy.
- **Export:** Enables the user to export the data into the application from another type of file, such as Excel.

To edit a strategy:

1. Open the Straticator.
2. Select the **Robot → My Strategies** option to display the list of strategies.
3. Click on the **TradeId** of a strategy that you need to edit.

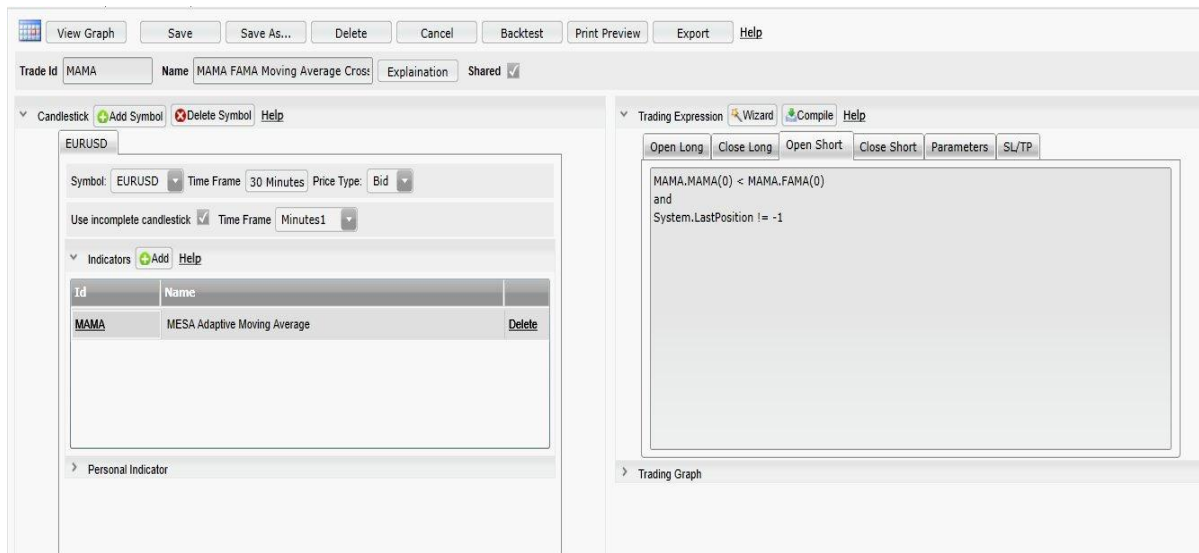


Figure 69: A Strategy Screen

You can add a symbol or an indicator to a strategy.

4. Modify the details and save the modified changes.

Backtest Result

To View the results of backtest that have already been performed:

1. Open the Straticator.
2. Select the **Robot → My Strategies** option to display the list of strategies.
3. Click on the **Backtest Result** button to view the backtest result corresponding to the selected strategy.

Create Robot

You can also create a new robot based on an existing strategy. To create a new robot:

1. Open the My Strategies screen.
2. Select a strategy from the list.
3. Click on the **Create Robot** button to display a screen, as shown in the figure below:

A screenshot of a software dialog box titled "Add Robot" with a close button (X) in the top right corner. The dialog contains several input fields: "Trade Id:" with the value "ADX-pSAR", "Name:" with the value "ADX DI+ /DI- and pSAR", "Explanation:" with a text area containing the strategy logic, "Symbol:" with a dropdown menu showing "EURUSD", and "Timeframe:" with a dropdown menu showing "30 Minutes". At the bottom right, there are two buttons: "Save" and "Cancel".

Add Robot

Trade Id: ADX-pSAR

Name: ADX DI+ /DI- and pSAR

Explanation: When Parabolic SAR is in the uptrend (dots is below c
ADX.PlusDI is above ADX.MinusDI
the strategy goes Long,
and it sends a sell signal or go Short in the opposite d
(pSAR in downtrend and ADX.MinusDI above ADX.Pl

Symbol: EURUSD

Timeframe: 30 Minutes

Save Cancel

Figure 70: Add Robot Screen

4. Modify the details as required.
5. Save the changes to create the robot.

Shared Strategies

This option enables the user to view all shared strategies and share new strategies with other users.

1. Open the Straticator.
2. Select the **Robot → Shared Strategies** option to display the list of shared strategies, as shown in the figure below:

Shared Strategies									
Create Robot									
TradeId	Name	Symbol	Time Frame	Explanation	LoginId	Created By			
ADX-pSAR	ADX DI+DI- and pSAR	EURUSD	30 Minutes	When Parabolic SAR is in the uptrend (dots is below ADX.PlusDI is above ADX.MinusDI the strategy goes Long, and it sends a sell signal or go Short in the opposite (pSAR in downtrend and ADX.MinusDI above ADX.PlusDI)	Devjit	Devjit Das	Backtest		
CHNVS009	TestingNVS009	AUDUSD	10 Hours	Testing with new version .. with export and import fur	Devjit	Devjit Das	Backtest		
CHNVS009	TestingNVS009	AUDUSD	10 Hours	Testing with new version .. with export and import fur	Devjit	Devjit Das	Backtest		
CHNVS009	TestingNVS009	AUDUSD	10 Hours	Testing with new version .. with export and import fur	Devjit	Devjit Das	Backtest		
CHNVS009	TestingNVS009	AUDUSD	10 Hours	Testing with new version .. with export and import fur	Devjit	Devjit Das	Backtest		
CHNVS009	TestingNVS009	AUDUSD	10 Hours	Testing with new version .. with export and import fur	Devjit	Devjit Das	Backtest		
CHNVS009	TestingNVS009	AUDUSD	10 Hours	Testing with new version .. with export and import fur	Devjit	Devjit Das	Backtest		
CHNVS009	TestingNVS009	AUDUSD	10 Hours	Testing with new version .. with export and import fur	Devjit	Devjit Das	Backtest		
CHNVS009	TestingNVS009	AUDUSD	10 Hours	Testing with new version .. with export and import fur	Devjit	Devjit Das	Backtest		
CHNVS009	TestingNVS009	AUDUSD	10 Hours	Testing with new version .. with export and import fur	Devjit	Devjit Das	Backtest		
CHNVS009	TestingNVS009	AUDUSD	10 Hours	Testing with new version .. with export and import fur	Devjit	Devjit Das	Backtest		
ADX	ADX	EURUSD	15 Hours	xx-updating	Devjit	Devjit Das	Backtest		

Figure 71: Shared Strategies

3. Click on the **Backtest** hyperlink corresponding to the shared strategy that you need to backtest.

Note: You can click on the **Create Robot** button to create a new robot based on any of the shared strategy.

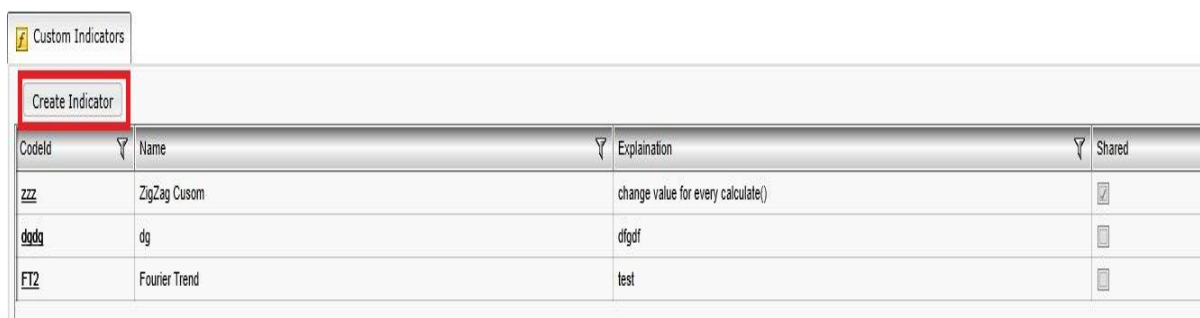
Custom Indicators

A technical indicator is a graphical representation of price action. The trading strategies developed on the basis of technical indicators ensure a successful trading of the financial instrument. It is within embodiments of the present invention that a trading strategy is developed based on one or more technical indicators, thereby associating such indicators with the financial instrument to be traded. Following are some of the technical indicators, which may be available to build a trading strategy:

1. Efficiency Ratio (ER)
2. Moving Average (MA)
3. Price Channel (PC)
4. Simple Moving Average(SMA)

Besides the in-built technical indicators, a user can also create custom indicators. This option enables the user to view and create new custom indicators.

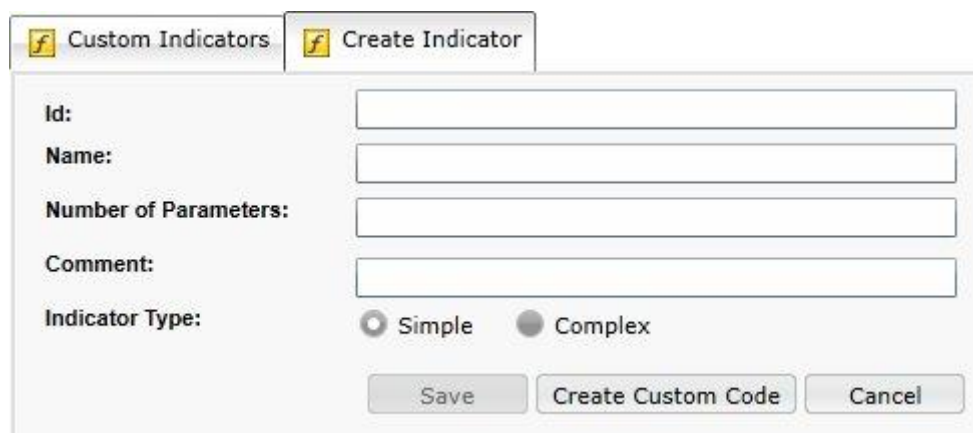
1. Open the Straticator.
2. Select the **Robot → Custom Indicators** option to display the list of already created custom indicators, as shown in the figure below:



CodeId	Name	Explanation	Shared
zzz	ZigZag Custom	change value for every calculate()	
dgdg	dg	dfgdf	
FT2	Fourier Trend	test	

Figure 72: Custom Indicators

3. Click on **Create Indicator** button to open a screen, as shown in figure below:



Custom Indicators

Create Indicator

Id:

Name:

Number of Parameters:

Comment:

Indicator Type:

☐ Simple
 ☐ Complex

Save

Create Custom Code

Cancel

Figure 73: Create Indicator

4. You need to specify information corresponding to all fields.

Note: If you know how to write a code, you can even create custom code for an indicator.

5. Click on **Create Custom Code** to display the coding screen where you can write a custom code, compile it, share it, and save it.
6. Once you save the custom code, the highlight returns back to the Create Indicator screen.
7. Save the new custom indicator.

Following steps enables a user to modify an existing custom indicator:

1. Open the **Custom Indicator** screen.
2. Click on the **CodeId** corresponding to the indicator that you need to modify. The custom code screen appears, as shown in figure below:

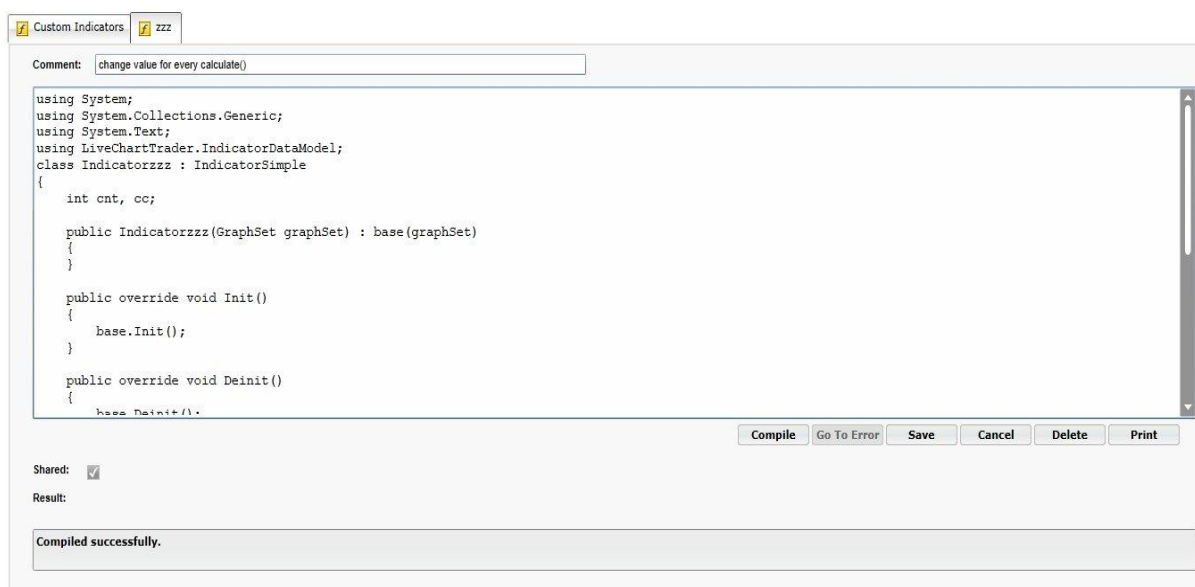


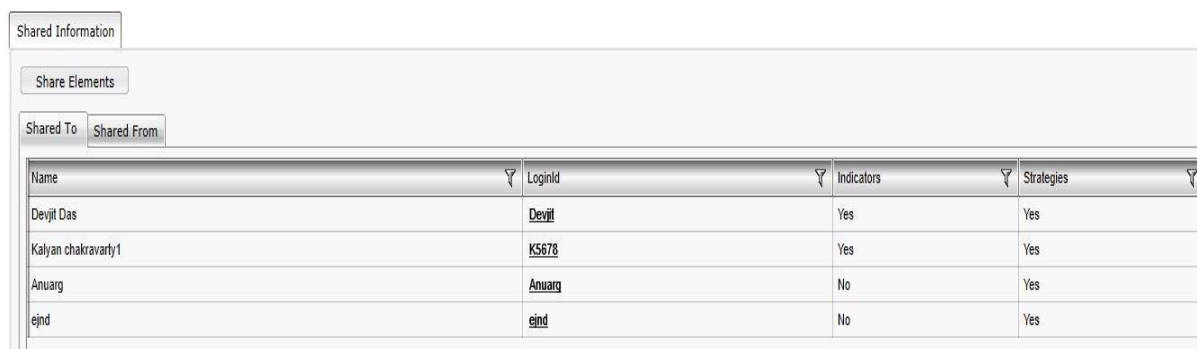
Figure 74: Custom Code Screen

3. Modify the code as required and then click on **Compile** button to compile the new code.
4. Save the changes.

Shared Work

A user can even share strategies and indicators with other users. This option enables the user to view list of all shared strategies and indicators.

1. Open the Straticator.
2. Select the **Robot** → **Shared Work** option to display the list of already created custom indicators, as shown in the figure below:



The screenshot shows a window titled 'Shared Information' with a 'Share Elements' button. Below it are two tabs: 'Shared To' (selected) and 'Shared From'. The table below lists shared elements:

Name	LoginId	Indicators	Strategies
Devjit Das	Devjit	Yes	Yes
Kalyan chakravarty1	K5678	Yes	Yes
Anuarg	Anuarg	No	Yes
ejnd	ejnd	No	Yes

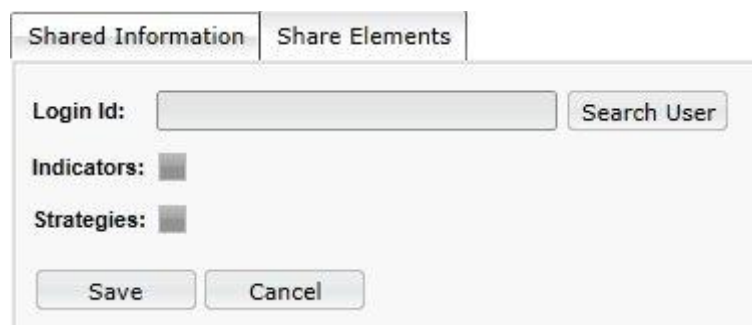
Figure 75: Shared Information

There are two tabs in the above figure:

Shared To – Displays a list of strategies that are shared to different users

Shared From – Displays a list of strategies that are shared from a specific user

3. Click on the **Share Elements** button to open a screen, as shown in figure below:



The screenshot shows a window titled 'Share Elements' with two tabs: 'Shared Information' and 'Share Elements' (selected). The form contains the following fields and buttons:

- Login Id:** A text input field.
- Search User:** A button next to the Login Id field.
- Indicators:** A checkbox.
- Strategies:** A checkbox.
- Save:** A button at the bottom left.
- Cancel:** A button at the bottom right.

Figure 76: Share Elements

4. Specify the login Id of the user and select if you need to share indicators or strategies.
5. Save the shared information.

The user can also modify the information of the existing sharing.

1. Open the **Shared Information** screen.
2. Click on the corresponding **LoginId** to display a screen, as shown in figure below:

Figure 77: Shared To

3. Check the option in case you need to share and uncheck in case you do not need to share.
4. Save the changes.

View

The options in the **View** sub-menu enable the user to view robot status, backtest results, and transactions of a robot.

1. Open the Straticator.
2. Select the **Robot** → **View** option to open a sub-menu, as shown in figure below:

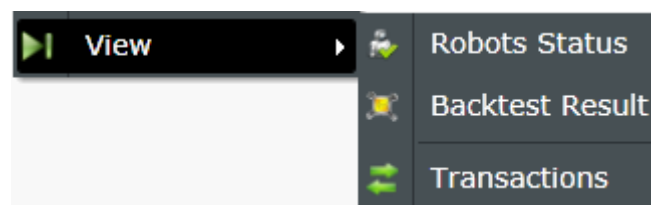


Figure 78: View Sub-Menu

3. Following are the options of the sub-menu:
 - a) Select the **Robot Status** option to display the robot status.
 - b) Select the **Backtest Result** option to display the backtest result.
 - c) Select the **Transactions** option to display the transaction details.

2.2.5 Windows

The options under **Windows** menu, as shown in figure below are:

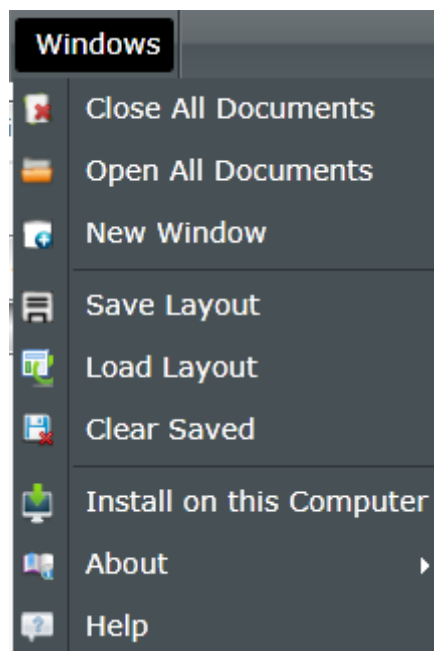


Figure 79: Windows Menu

- **Close All Documents:** Closes all the current open screens
- **Open All Documents:** Opens all the screens that have been closed
- **New Window:** Opens the Straticator in a new explorer window
- **Save Layout:** Saves a screen layout such that the user can view the same layout
- **Load Layout:** Loads the selected layout for the user
- **Clear Saved:** Deletes the saved layouts
- **Install on this Computer:** Installs the Straticator on the computer
- **About:** Displays the details, such as version and build date, about the Straticator
- **Help:** Opens up the User Manual.